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Chemical Quality of Water from Community Systems in New York, November 1970 to May 1975

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Compiled by Robert H. Cartwright and James A. Ziarno

U.S. GEOLOGICAL SURVEY

Water Resources Investigations 80-77

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New York State Department of Health

Albany, New York

1980

UNITED STATES DEPARTMENT OF THE INTERIOR

CECIL D. ANDRUS, Secretary

GEOLOGICAL SURVEY

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CHEMICAL QUALITY OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970 TO MAY 1975

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ABSTRACT

Chemical analyses of 2,802 water samples from 784 of approximately 1,500 community water systems in the State of New York are presented. The data were collected from November 1970 to May 1975 and were originally released in a series of four U.S. Geological Survey open-file reports during the mid-1970's. The data were obtained and compiled by the Geological Survey and have been used by the State of New York in determining community system compliance with applicable drinking-water standards. The analyses include physical properties, major and minor constituents, pesticide residues, and radiochemical data. Some bottom-material analyses are included.

INTRODUCTION

This report presents chemical analyses of water samples collected from community systems throughout New York State. It combines, under single cover, water data that were originally published in four volumes during the mid-1970's (U.S. Geological Survey 1974, 1975, 1976, 1977).

The 5-year sampling program was a cooperative effort between the U.S. Geological Survey and the New York State Department of Health, Bureau of Public Water Supply, to collect and compile the data that have been used by the State in determining community system compliance with applicable drinking-water standards. The program entailed sampling, at least once, 784 of the State's approximately 1,500 community systems. Some systems obtain water supplies from streams, lakes, or reservoirs, whereas others are supplied by wells or springs or a combination of surface-water and ground-water sources. Most of the larger systems and many of the smaller systems were sampled. Samples were collected from some systems every 2 weeks for a year to determine seasonal variations or the extent of water-quality problems. Both raw and treated water samples were collected the same day from some systems to determine the effect of treatment. During the study, from November 1970 to May 1975, 2,802 samples were collected as follows: 1,412 raw-water samples, 799 treated-water samples, and 591 distribution-water samples ("distribution" indicates a treated-water sample collected at some point other than the water-treatment plant). Bottom-material samples were collected at seven surface-water sites.

Cooperation and Acknowledgments

This report was prepared in cooperation with the New York State Department of Health, David Axelrod, M.D., Commissioner; Leo J. Hetling, Director, Division of Environmental Health; and Peter J. Smith, Director, Bureau of Public Water Supply.

The cooperation and assistance of Kenneth Markussen and Manoj Ajmera of the Bureau of Public Water Supply, the regional and district offices of the State Department of Health, and numerous county and local officials in arranging for and assisting in collection of samples, is acknowledged. Thanks are also given to the officials and staff of the community water systems.

COLLECTION AND ANALYSES OF SAMPLES

Water Samples

All water samples were collected by the U.S. Geological Survey by approved Survey methods. Some samples designated "raw water" were collected after chlorination and before any additional treatment. The chemical analyses were done by Geological Survey laboratories in Albany, N.Y., Denver, Colo., Atlanta, Ga., and Washington, D.C.; radiochemical analyses were done by the New York State Department of Health, Radiologic Laboratory, Albany, N.Y. Analytical procedures employed by the U.S. Geological Survey are described in reports cited in Selected References section.

Bottom-Material Samples

Bottom-material samples were collected at seven surface-water sites and analyzed by the Geological Survey. Selected nutrient, metal, and particle-size distribution analyses were made in the Albany laboratory; concentrations of pesticide residues and related constituents were determined in the Atlanta laboratory.

ARRANGEMENT OF DATA

Table 1 summarizes the water-quality standards established by State and Federal agencies for the reported constituents.

Table 2 presents the chemical analyses of water from community systems. For convenience, this table is divided into four sections: section I lists values of major and minor constituents and physical properties; section II gives concentrations of pesticide residues and related constituents; section III presents radiochemical data; and section IV lists chemical analyses and particle-size distribution of bottom-material. All data are arranged by county, (see fig. 1 for location of counties); New York City systems are listed under the heading "New York City." Within each county group, the systems or sites are arranged alphabetically and identified by a USGS-assigned latitude-longitude number; the source of raw water or bottom material sampled is also given. Any known errors or inconsistencies in the four original reports have been corrected; deletions and additions have been made where necessary.

Table 3 lists the latitude-longitude numbers, the corresponding identification number used in the four original reports, the system or site name, and the source of raw water sampled.

Index lists alphabetically all counties, community water systems or sites, and surface-water sources referred to in this volume.

Selected References section lists publications that describe the methods of sample collection and analysis and provide information on State and Federal standards for drinking water. The four original reports that contain the data used in table 2 are cited; also cited are New York State Department of Health publications that used the data to make statistical summaries and water-quality interpretations.

SELECTED REFERENCES

American Public Health Association, American Water Works Association, and Water Pollution Control Federation, 1976, Standard methods for the examination of water and wastewater (14th ed.): Washington, D.C., American Public Health Association, 1193 p.

Brown, Eugene, Skougstad, M. W., and Fishman, M. J., 1970, Methods for collection and analysis of water samples for dissolved minerals and gases: U.S. Geological Survey Techniques of Water-Resources Investigations, book 5, ch. A1, 160 p.

Barnett, P. R., and Mallory, E. C., Jr., 1971, Determination of minor elements in water by emission spectroscopy: U.S. Geological Survey Techniques of Water-Resources Investigations, book 5, ch. A2, 31 p.

Goerlitz, D. F., and Brown, Eugene, 1972, Methods for analysis of organic substances in water: U.S. Geological Survey Techniques of Water-Resources Investigations, book 5, ch. A3, 40 p.

New York State Department of Health, 1964, Drinking water standards: Part 72, Subchapter H, Chapter II, Title 10 (Health) of the Official Compilation of Codes, Rules, and Regulations of the State of New York.

_____ 1971, Water supply source standards: Part 170, Subchapter C, Chapter III, Title 10 (Health) of the Official Compilation of Codes, Rules and Regulations of the State of New York.

_____ 1973, A study of chemicals in drinking water from selected public water systems, New York State, October 1970 to March 1971: New York State Department of Health, Public Water Supply Report, 30 p.

_____ 1974, A study of chemicals in drinking water from selected public water systems, New York State, May 1971 through April 1972: New York State Department of Health, Public Water Supply Report, 83 p.

SELECTED REFERENCES (continued)

_____ 1975, A study of chemicals in water from selected community water systems, New York State, May 1972 through May 1973: New York State Department of Health, Community Water Systems Report, 91 p.

_____ 1977a, A study of chemicals in water from selected community water systems with major emphasis in the Mohawk and Hudson River basins, New York State, May 1974-May 1975: New York State Department of Health, Community Water Systems Report, 64 p.

_____ 1977b, Drinking water supplies standards: Part 5, Subpart 5-1, Chapter I, Title 10 (Health) of the Official Compilation of Codes, Rules and Regulations of the State of New York.

_____ 1979, A study of chemicals in water from selected community water systems with major emphasis in the Lake Erie-Niagara River basins, New York State, May 1973 through May 1974: New York State Department of Health, Community Water Systems Report, 105 p.

Slack, K. V., Averett, R. C., Greeson, P. E., and Lipscomb, R. G., 1973, Methods for collection and analysis of aquatic biological and microbiological samples: U.S. Geological Survey Techniques of Water-Resources Investigations, book 5, ch. A4, 165 p.

U.S. Environmental Protection Agency, 1975a, Interim primary drinking water standards: Federal Register, v. 40. no. 51, Friday, March 14.

_____ 1975b, National interim primary drinking water regulations: Federal Register, v. 40, no. 248, Wednesday, December 24.

[a] U.S. Geological Survey, 1974, Quality of public water supplies of New York, November 1970-April 1972: U.S. Geological Survey open-file rept., 198 p.

[a] _____ 1975, Quality of public water supplies of New York, May 1972-May 1973: U.S. Geological Survey open-file rept., 156 p.

[a] _____ 1976, Chemical quality of water in community systems in New York, May 1973-May 1974: U.S. Geological Survey open-file rept., 108 p.

[a] _____ 1977, Chemical quality of water in community systems in New York, May 1974-May 1975: U.S. Geological Survey open-file rept. 77-731, 93 p.

U.S. Public Health Service, 1962, Public Health Service drinking water standards, 1962: U.S. Public Health Service, Pub. 956, 61 p.

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[a] Report in which data in table 2 were originally published.

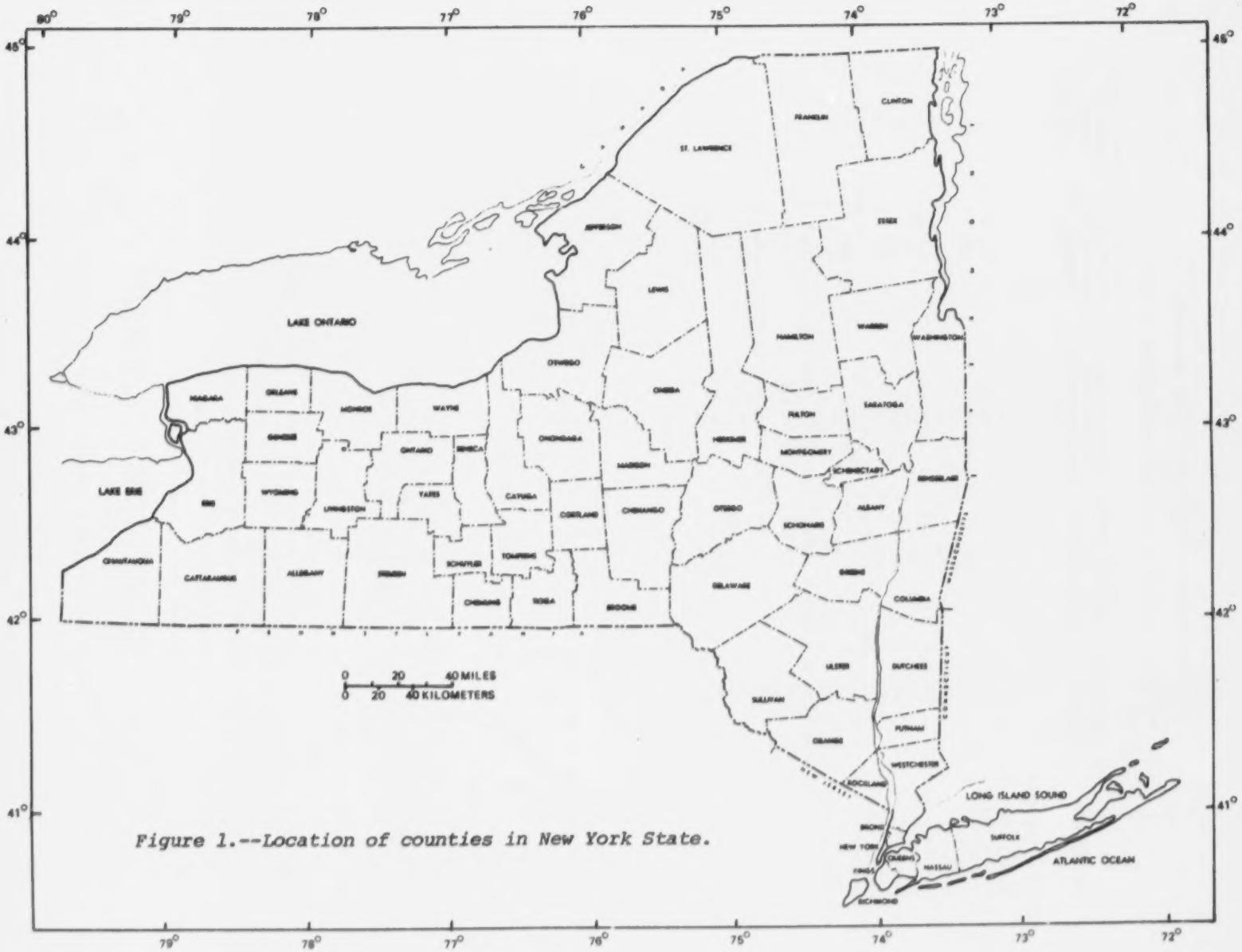

Figure 1.--Location of counties in New York State.

Table 1.--Summary of public water-supply standards[a]

(Upper limit permitted or recommended, in µg/L, except as noted)

Constituents (1)	New York State: Drinking water standards (2)	New York State: Water supply source standards (3)	New York State: Drinking water supplies standards (4)	U.S. Public Health Service drinking water standards, 1962 (5)	Safe Drinking Water Act, Primary standards (6)
Inorganic chemicals					
Ammonia (NH_3)	--	<2,000	--	--	--
Arsenic (As)	50	50	50	50	50
Barium (Ba)	1,000	1,000	1,000	1,000	1,000
Boron (B)	--	1,000	--	--	--
Cadmium (Cd)	10	10	10	10	10
Chloride (Cl)	250 mg/L	250 mg/L	250 mg/L	b 250 mg/L	--
Chromium (Cr^{+6})	50	50	50	50	50
Copper (Cu)	1,000	<200	1,000	b 1,000	--
Cyanide (CN)	200	<100	--	200	--
Fluoride (F)	1.5 mg/L	<1.5 mg/L	c 2.2 mg/L	d 1.7 mg/L	e 2.4 mg/L
Iron (Fe)	f 300	--	g 300	b 300	--
Lead (Pb)	50	50	50	50	50
Manganese (Mn)	f 300	--	g 300	b 50	--
Mercury (Hg)	--	5	2	--	2
Nitrates & nitrites (N)	h 10 mg/L	10 mg/L	h 10 mg/L	h 10 mg/L	h 10 mg/L
Selenium (Se)	10	10	10	10	10
Silver (Ag)	50	50	50	50	50
Sodium (Na)	--	<20 mg/L	--	--	--
Sulfate (SO_4)	250 mg/L	250 mg/L	250 mg/L	b 250 mg/L	--
Total dissolved solids	500 mg/L	500 mg/L	--	b 500 mg/L	--
Zinc (Zn)	5,000	<300	5,000	b 5,000	--
Organic chemicals					
Phenols	1	1	--	1	--
MBAS	i 500	--	--	i 500	--
Insecticides					
Aldrin	--	17	--	--	--
Chlordane	--	3	--	--	--
DDT	--	42	--	--	--
Dieldrin	--	17	--	--	--
Endrin	--	1	.2	--	.2
Heptachlor	--	18	--	--	--
Heptachlor epoxide	--	18	--	--	--
Lindane	--	56	4	--	4
Methoxychlor	--	35	100	--	100
Toxaphene	--	5	5	--	5
Organic phosphates & carbonates	--	100	--	--	--
Herbicides	--	100	--	--	--
2,4-D	--	--	100	--	100
2,4,5-TP Silvex	--	--	10	--	10

a References for columns 2-6: New York State Department of Health, 1964, 1971, and 1977b; U.S. Public Health Service 1962; and U.S. Environmental Protection Agency, 1975a and 1975b.
b Should not exceed value if other more suitable supplies can be made available.
c Standard ranges from 2.0 to 2.2 mg/L, depending on annual average of maximum daily air temperature.
d Standard ranges from 0.6 to 1.7 mg/L, depending on annual average of maximum daily air temperature.
e Standard ranges from 1.4 to 2.4 mg/L, depending on annual average of maximum daily air temperature.
f If iron and manganese are both present, the total concentration of both substances should not exceed 300 µg/L.
g If iron and manganese are both present, the total concentration of both substances should not exceed 500 µg/L. Higher levels of iron may be allowed by the State when justified by the supplier of water.
h Only nitrate as N.
i Standard is for alkyl benzene sulfonate measured as MBAS. See definition in table 2.
< Less than.

Table 2.--Chemical analyses of water from community systems in New York, November 1970-May 1975

SYSTEM (OR SITE) AND SOURCE ABBREVIATIONS USED IN TABLES 2 AND 3

(C) - City
(T) - Town
(U) - Unincorporated village
(V) - Incorporated village
AVE - Avenue
BK - Brook
CK - Creek
CO - Company, County
CO-OP - Cooperative
CORP - Corporation
DIST - District
DIST SYST - Distribution system
DIV - Division
DR - Drive
INC - Incorporated
INFILT - Infiltration
MT - Mountain
NO or # - Number
NY - New York
NYC - New York City
PK - Park
PL - Plant
PT - Point
RD - Road
RES - Reservoir
SCWA - Suffolk County Water Authority
SER - Service
ST - Saint
VA - Veterans Administration
VAL - Valley
WA - Water Authority
WD - Water District
WTP - Water treatment plant
WW - Waterworks

DEFINITION OF TERMS

Dissolved refers to that material in a representative water sample that passes through a 0.45-micrometer membrane filter. This is a convenient operational definition used by Federal agencies that collect water data. Determinations of "dissolved" constituents are made on subsamples of the filtrate.

Hardness of water is a physical-chemical characteristic that is commonly recognized by the increased quantity of soap required to produce lather. It is attributable to the presence of alkaline earths (principally calcium and magnesium) and is expressed as equivalent calcium carbonate ($CaCO_3$).

Methylene blue active substance (MBAS) is a measure of apparent detergents. This determination depends on the formation of a blue color when methylene blue dye reacts with synthetic detergent compounds.

Specific conductance (SPECIFIC COND) is a measure of the ability of a water to conduct an electrical current. It is expressed in micromhos per centimeter at 25°C (Celsius).

Total (as used in sections I and II of this table) refers to the amount of a substance that is present both in solution and in suspension.

Table 2.--Chemical analyses of water from community systems in New York, November 1970-May 1975

SECTION I

Major and minor constituents and physical properties

LIST OF CONSTITUENTS AND PHYSICAL PROPERTIES GIVEN IN SECTION I

1/ ALUMINUM UG/L
2/ ARSENIC UG/L
1/ BARIUM UG/L
1/ BERYLLIUM UG/L
2/ BICARBONATE MG/L
1/ BISMUTH UG/L
1/ BORON UG/L
2,4/ CADMIUM UG/L
2/ CALCIUM MG/L
2,5/ CARBONATE MG/L
3/ CHLORIDE MG/L
1,14/ CHROMIUM UG/L
1/ COBALT UG/L
6/ COLIFORM COL/100 ML
1/ COPPER UG/L
2/ CYANIDE MG/L
7/ DISS SOLIDS SUM MG/L
2/ FLUORIDE MG/L
1/ GALLIUM UG/L
1/ GERMANIUM UG/L
8/ HARDNESS TOTAL MG/L
8/ HARDNESS NONCARB MG/L
1/ IRON UG/L
1/ LEAD UG/L
1/ LITHIUM UG/L
2/ MAGNESIUM MG/L
1/ MANGANESE UG/L
2,9/ MBAS MG/L
2/ MERCURY UG/L
1/ MOLYBDENUM UG/L
1/ NICKEL UG/L
2/ NITRATE AS N MG/L
2/ NITRITE AS N MG/L
2,10/ NITROGEN NH_4 AS N MG/L
2,11/ NITROGEN NH_4+ORG-N MG/L
PH UNITS
2/ PHENOLS UG/L
2,12/ PHOSPHORUS AS P MG/L
2/ POTASSIUM MG/L
1/ RUBIDIUM UG/L
2/ SELENIUM UG/L
2/ SILICA MG/L
1/ SILVER UG/L
2/ SODIUM MG/L
13/ SPECIFIC COND UMHOS
1/ STRONTIUM UG/L
3/ SULFATE MG/L
1/ TIN UG/L
1/ TITANIUM UG/L
1/ VANADIUM UG/L
1,14/ ZINC UG/L
1/ ZIRCONIUM UG/L

1/ Values for November 1970 through March 1971 are dissolved; all other values are total. (See "Definition of terms," p. 10.)

2/ Values are total.

3/ Values are dissolved.

4/ All cadmium values published herein were determined by the chelation-extraction and atomic-absorption spectroscopic method. Cadmium values previously published for November 1970 to March 1971 were determined by the emission-spectroscopic method; they are either revised (where samples were re-analyzed by the chelation-extraction and atomic-absorption method) or deleted herein.

5/ Some values are published herein where none were previously published.

6/ Values are number of colonies per 100 mL of sample.

7/ Values are sum of dissolved constituents in a sample. However, because of a change in method of computation, some values herein supersede those previously published.

8/ Values reported as $CaCO_3$. (See "Definition of terms," p. 10.)

9/ Methylene blue active substance (See "Definition of terms," p. 10.)

10/ Values previously published as "AMMONIA AS N" are published herein as "NITROGEN NH_4 AS N." Some values are published herein where none were previously published.

11/ Values previously published as "TOTAL KJEL N" or "KJELDAHL NITROGEN (N)" are published herein as "NITROGEN NH_4+ORG-N."

12/ Values previously published as "PHOSPHORUS (P)," "PHOSPHORUS," or "PHOS AS PO_4" are published herein as "PHOSPHORUS AS P."

13/ Specific conductance is expressed in micromhos per centimeter at 25°C (Celsius). (See "Definition of terms," p. 10.)

14/ Because of rounding, some values may be different than those previously published.

DEFINITIONS

E Estimated.

K Results based on colony count outside the acceptable range (non-ideal colony count).

ND Material specifically analyzed for but not detected.

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ALBANY COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	423303073520900	ALBANY(C)-ALCOVE RESERVOIR

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	01/20/71	05/18/72	05/31/72	06/13/72	07/11/72	07/26/72	08/10/72	08/23/72	09/08/72
ALUMINUM UG/L	40	23	28	26	29	11	16	16	29
ARSENIC UG/L	0	0	4	3	3	5	1	0	4
BARIUM UG/L	12	9.0	10	10	9.0	7.0	6.0	7.0	11
BERYLLIUM UG/L	< .30	< .50	< .30	< .70	< .30	< .70	< .70	< .50	< .40
BICARBONATE MG/L	34	30	29	31	31	31	34	34	36
BISMUTH UG/L	< .90	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 1.0
BORON UG/L	15	9.0	7.0	7.0	6.0	7.0	5.0	8.0	9.0
CADMIUM UG/L	--	0	0	0	0	0	0	0	0
CALCIUM MG/L	16	15	14	15	14	14	15	15	15
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	7.5	12	12	11	11	11	12	12	11
CHROMIUM UG/L	< 1	< 2	< 2	< 4	< 2	< 4	< 3	< 2	< 1
COBALT UG/L	< .90	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0
COLIFORM COL/100 ML	--	22	39	10	1800	540	230	280	300
COPPER UG/L	7.0	3.0	5.0	6.0	7.0	5.0	5.0	4.0	7.0
CYANIDE MG/L	0	0	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	69	70	69	69	67	67	71	71	72
FLUORIDE MG/L	.10	0	0	0	0	.10	.10	.10	.10
GALLIUM UG/L	< .60	< 1.0	< .70	< 2.0	< 2.0	< 2.0	< 2.0	< .70	< .70
GERMANIUM UG/L	< 2.0	< 2.0	< 2.0	< 4.0	< 4.0	< 4.0	< 3.0	< 2.0	< 2.0
HARDNESS TOTAL MG/L	48	46	44	47	44	44	47	47	47
HARDNESS NONCARB MG/L	20	21	20	21	19	19	19	19	17
IRON UG/L	10	60	45	88	110	81	110	170	240
LEAD UG/L	1.0	.80	< 1.0	< 2.0	2.0	< 2.0	< 2.0	< 2.0	1.0
LITHIUM UG/L	.30	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	2.0	2.1	2.1	2.3	2.3	2.3	2.4	2.3	2.3
MANGANESE UG/L	32	55	55	210	220	150	230	340	760
MBAS MG/L	< .02	.02	.02	.02	.02	.01	.01	.02	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 30	< .30	< .70	< .70	< .30	< .40	< .30	< .70	< 7.0
NICKEL UG/L	< 2.0	< 2.0	2.0	< 2.0	< 2.0	< .70	< 2.0	< 2.0	1.0
NITRATE AS N MG/L	.10	.20	.10	.08	.10	.20	.20	.09	0
NITRITE AS N MG/L	.01	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	.09	.40	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	--	.23	.23	.47	.33	.23	.28	.27	.29
PH UNITS	7.1	7.3	7.4	7.0	6.9	6.9	7.0	7.4	7.0
PHENOLS UG/L	0	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.03	.01	.01	.01	.01	.01	.01	.01	.01
POTASSIUM MG/L	.80	.90	.90	.90	.80	.80	.80	.90	.80
RUBIDIUM UG/L	.50	--	--	--	--	--	--	--	--
SELENIUM UG/L	2	2	0	2	0	0	0	3	0
SILICA MG/L	4.2	2.3	2.4	2.6	2.6	2.7	3.0	3.3	3.5
SILVER UG/L	< .06	< .10	< .10	< .30	< .30	< .40	< .30	< .10	< .20
SODIUM MG/L	3.9	5.7	5.7	6.0	5.5	5.6	5.4	5.6	5.4
SPECIFIC COND UMHOS	127	128	128	130	130	130	132	129	130
STRONTIUM UG/L	51	41	46	51	43	44	42	48	48
SULFATE MG/L	14	17	18	16	15	15	15	15	16
TIN UG/L	< .90	< 2.0	< 2.0	< 2.0	< 4.0	< 4.0	< 3.0	< 2.0	< 2.0
TITANIUM UG/L	.70	1.0	2.0	2.0	2.0	.70	< 2.0	< 1.0	< .70
VANADIUM UG/L	< .60	< 2.0	< 1.0	< .70	< .70	< .70	< .70	< 1.0	< .70
ZINC UG/L	< 65	< 65	< 100	310	170	200	120	< 100	110
ZIRCONIUM UG/L	< 3.0	< 2.0	< 3.0	< 4.0	< 4.0	< 4.0	< 2.0	< 2.0	< 3.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ALBANY COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	423303073520900	ALBANY(C)-ALCOVE RESERVOIR

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	09/20/72	10/04/72	10/18/72	11/01/72	11/15/72	11/29/72	12/13/72	12/27/72	01/11/73
ALUMINUM UG/L	20	14	39	27	38	400	35	34	48
ARSENIC UG/L	1	2	0	0	0	0	0	0	10
BARIUM UG/L	9.0	8.0	8.0	8.0	9.0	9.0	8.0	8.0	8.0
BERYLLIUM UG/L	< .70	< .70	< .40	< .30	< .30	< .50	< .30	< .50	< .50
BICARBONATE MG/L	34	33	34	34	33	33	30	31	28
BISMUTH UG/L	< 3.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
BORON UG/L	6.0	8.0	6.0	7.0	4.0	11	6.0	6.0	7.0
CADMIUM UG/L	0	0	0	0	0	0	1	0	1
CALCIUM MG/L	15	15	15	15	14	15	15	16	15
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	12	12	11	11	11	11	11	10	10
CHROMIUM UG/L	< 2	< 4	< 2	< 2	< 2	< 2	< 2	< 2	< 2
COBALT UG/L	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	9.0	< 2.0
COLIFORM COL/100 ML	90	33	31	< 1	K 6	K 4	K 3	< 1	K 9
COPPER UG/L	4.0	3.0	3.0	32	21	19	14	12	12
CYANIDE MG/L	0	.01	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	72	67	67	69	67	69	69	70	67
FLUORIDE MG/L	.30	.10	.10	.10	.10	.10	.10	.10	.10
GALLIUM UG/L	< 1.0	< 2.0	< .70	< .70	< .70	< .70	< .70	< .70	< .70
GERMANIUM UG/L	< 3.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 2.0
HARDNESS TOTAL MG/L	47	47	47	47	44	47	47	49	47
HARDNESS NONCARB MG/L	19	20	19	19	17	19	22	24	24
IRON UG/L	130	82	100	57	66	85	65	59	81
LEAD UG/L	< 2.0	< 2.0	2.0	1.0	1.0	< 2.0	< 1.0	< 2.0	< 2.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2
MANGANESE UG/L	440	160	100	50	36	44	24	22	21
MBAS MG/L	.01	.02	.02	.02	.01	.02	.03	.02	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 7.0	< .40	< .70	< .70	< .70	< .70	< .30	< .70	< .70
NICKEL UG/L	< 2.0	2.0	< 2.0	< 2.0	2.0	< 2.0	2.0	< 2.0	< 2.0
NITRATE AS N MG/L	.09	.04	.07	.04	.07	.02	.04	.06	.06
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.36	.31	.30	.24	.20	.32	.30	.26	.19
PH UNITS	7.2	7.2	7.5	7.2	7.6	7.6	6.7	7.0	7.5
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.20	.01	.01	.01	.01	.01	--	.01	.01
POTASSIUM MG/L	.80	.80	.80	.70	.90	1.0	.70	.80	.70
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	2	1	0	3	0	0	1	2
SILICA MG/L	2.8	2.3	2.3	2.3	2.6	2.5	2.8	3.3	3.1
SILVER UG/L	< .30	< .40	< .20	< .20	< .20	< .20	< .20	< .20	< .20
SODIUM MG/L	5.5	5.5	5.7	5.7	5.4	5.6	5.5	5.7	5.3
SPECIFIC COND UMHOS	124	127	128	127	127	126	125	126	123
STRONTIUM UG/L	37	48	51	50	51	47	45	77	40
SULFATE MG/L	16	13	13	15	14	15	17	17	17
TIN UG/L	< 3.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TITANIUM UG/L	< 2.0	< .70	2.0	1.0	2.0	< 2.0	< .70	< 2.0	< 2.0
VANADIUM UG/L	< 2.0	< 4.0	< .70	< .70	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0
ZINC UG/L	< 100	< 66	< 100	18	40	10	0	50	0
ZIRCONIUM UG/L	< 3.0	< 4.0	< 3.0	< 3.0	< 3.0	< 3.0	< 2.0	< 2.0	< 4.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ALBANY COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	423303073520900	ALBANY(C)-ALCOVE RESERVOIR
B	423429073453100	ALBANY(C)-ALCOVE RESERVOIR

SYSTEM(S) ON THIS PAGE...	A	A	A	A	A	A	A	A	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	DISTRBN
DATE.....	01/24/73	02/06/73	02/20/73	03/06/73	03/19/73	04/02/73	04/17/73	04/30/73	06/07/72
ALUMINUM UG/L	63	36	42	14	19	20	51	13	200
ARSENIC UG/L	0	0	0	0	0	0	0	0	1
BARIUM UG/L	8.0	8.0	8.0	7.0	8.0	9.0	8.0	7.0	9.0
BERYLLIUM UG/L	< .50	< .50	< .50	< .50	< .30	< .30	< .40	< .50	< .40
BICARBONATE MG/L	30	30	32	34	29	30	29	35	37
BISMUTH UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
BORON UG/L	10	9.0	8.0	6.0	10	8.0	8.0	5.0	6.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	13	15	14	15	14	15	13	17	19
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	8.4	9.0	10	10	10	9.0	8.0	9.4	14
CHROMIUM UG/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
COBALT UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< .70	< 2.0	< 2.0
COLIFORM COL/100 ML	< 1	K 1	K 1	K 1	K 1	K 1	K 2	13	--
COPPER UG/L	8.0	7.0	9.0	8.0	7.0	7.0	7.0	5.0	14
CYANIDE MG/L	0	0	.01	0	0	.03	0	.02	0
DISS SOLIDS SUM MG/L	63	67	68	70	65	67	62	71	91
FLUORIDE MG/L	.10	0	.10	0	0	.20	.10	.10	.10
GALLIUM UG/L	< .70	< .70	< .70	< .70	< .60	< .70	< .50	< .70	< .80
GERMANIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 3.0
HARDNESS TOTAL MG/L	41	46	44	46	39	46	48	51	56
HARDNESS NONCARB MG/L	16	21	18	18	14	21	16	22	26
IRON UG/L	71	59	47	42	62	66	82	41	27
LEAD UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	--	--	--	< 10
MAGNESIUM MG/L	2.1	2.1	2.2	2.1	1.1	2.1	1.9	2.0	2.2
MANGANESE UG/L	24	23	22	30	41	42	28	19	5.0
MBAS MG/L	.02	.02	.01	.02	.02	.02	.02	.03	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .70	< .70	< .70	< .70	< .50	< .40	< .50	< .70	1.0
NICKEL UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0
NITRATE AS N MG/L	.10	.08	.02	.05	.04	.05	0	.03	.04
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.15	.05	.27	.15	.18	.18	.27	.15	.79
PH UNITS	7.3	7.3	7.5	7.5	7.1	7.2	7.5	7.8	8.0
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.01	.02	.01	.01	.01	.03	.01	.01	.01
POTASSIUM MG/L	.80	.90	.90	.90	.80	.80	.70	.70	.80
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	2	1	2	1	4	1	1	1	0
SILICA MG/L	3.5	3.4	3.2	3.3	3.4	3.3	3.2	3.2	2.2
SILVER UG/L	< .20	< .20	< .20	< .20	< .20	< .20	< .20	< .20	< .20
SODIUM MG/L	5.5	5.3	5.5	5.6	5.4	5.4	4.4	5.1	5.6
SPECIFIC COND UMHOS	119	124	124	124	120	118	115	113	154
STRONTIUM UG/L	35	43	42	35	37	37	50	39	57
SULFATE MG/L	15	16	16	16	16	16	15	16	19
TIN UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.0
TITANIUM UG/L	< 2.0	< 2.0	< 2.0	< 1.0	< .40	< .70	< 2.0	< 2.0	< 2.0
VANADIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< .40	< 1.0	< 1.0	< 2.0	< 2.0
ZINC UG/L	0	0	0	0	20	0	10	10	< 40
ZIRCONIUM UG/L	< 3.0	< 3.0	< 3.0	< 2.0	< 2.0	< 2.0	< 3.0	< 3.0	< 4.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ALBANY COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	424228074013200	ALTAMONT(V)-ALTAMONT RESERVOIRS
B	424228074013201	ALTAMONT(V)-ALTAMONT RESERVOIRS
C	423708073572400	BETHLEHEM WD #1-VLY CREEK RESERVOIR
D	423708073572401	BETHLEHEM WD #1-VLY CREEK RESERVOIR
E	423908073540800	BETHLEHEM WD #1-VLY CREEK RESERVOIR
F	424657073422600	COHOES(C)-MOHAWK RIVER

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	F	F	F
TYPE OF WATER SAMPLED...	RAW	TREATED	RAW	TREATED	DISTRBN	RAW	RAW	RAW	RAW
DATE.....	12/03/71	12/03/71	12/08/71	12/08/71	06/07/72	11/05/70	07/13/71	10/14/71	01/12/72
ALUMINUM UG/L	45	45	220	46	260	20	46	--	140
ARSENIC UG/L	4	1	2	1	2	0	0	10	2
BARIUM UG/L	35	36	28	25	11	26	40	--	24
BERYLLIUM UG/L	< .90	< .90	< .80	< .70	< 2.0	< .30	< .40	--	< .70
BICARBONATE MG/L	130	129	109	98	111	98	113	94	96
BISMUTH UG/L	< 5.0	< 5.0	< 4.0	< 4.0	< 4.0	< 3.0	< 2.0	--	< 4.0
BORON UG/L	11	11	16	15	3.0	50	26	--	21
CADMIUM UG/L	0	0	0	0	0	--	0	0	0
CALCIUM MG/L	44	48	41	41	22	33	38	33	35
CARBONATE MG/L	0	0	0	0	1	0	0	0	0
CHLORIDE MG/L	36	40	13	14	15	13	21	13	18
CHROMIUM UG/L	< 5	< 5	< 4	< 4	< 4	< 4	< 4	--	7
COBALT UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 4.0	< .80	--	< 4.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	2.0	13	56	12	11	130	4.0	--	60
CYANIDE MG/L	0	0	0	0	0	0	.01	0	0
DISS SOLIDS SUM MG/L	200	196	161	163	164	137	170	135	173
FLUORIDE MG/L	.10	.30	.10	.10	.10	.20	.10	.20	.10
GALLIUM UG/L	< .90	< .90	< 2.0	< 2.0	< 2.0	ND	< .40	--	< .70
GERMANIUM UG/L	< 10	< 10	< 8.0	< 8.0	< 8.0	< 4.0	< 4.0	--	< 4.0
HARDNESS TOTAL MG/L	145	143	126	126	67	100	122	102	112
HARDNESS NONCARB MG/L	32	37	37	54	0	28	29	25	33
IRON UG/L	100	44	370	17	20	57	110	--	250
LEAD UG/L	< 5.0	< 5.0	< 2.0	< 2.0	< 4.0	< 4.0	3.0	--	< 4.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	2.0	3.0	--	< 10
MAGNESIUM MG/L	5.6	5.6	5.8	5.9	2.9	4.2	6.5	4.8	6.0
MANGANESE UG/L	14	6.0	180	14	6.0	44	48	--	48
MBAS MG/L	.03	.03	.02	.04	.03	.04	.05	.04	.04
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .90	< .90	< 2.0	< 2.0	< 2.0	.50	.70	--	< .70
NICKEL UG/L	< 5.0	< 5.0	4.0	2.0	< 4.0	2.0	< 4.0	--	3.0
NITRATE AS N MG/L	0	.10	0	0	.10	.54	.79	.60	.70
NITRITE AS N MG/L	--	--	--	--	--	.07	.03	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	.17	.15	--	--
NITROGEN NH4+ORG-N MG/L	.22	.11	.52	.41	.48	--	.78	.95	.32
PH UNITS	7.7	7.4	7.4	6.9	8.4	7.4	7.6	7.5	7.5
PHENOLS UG/L	4.0	0	0	0	--	2.0	0	25	4.0
PHOSPHORUS AS P MG/L	.06	.04	.02	.00	.20	.10	.07	.09	.09
POTASSIUM MG/L	1.4	1.3	1.4	1.4	.90	1.3	1.7	1.4	1.6
RUBIDIUM UG/L	--	--	--	--	--	1.0	2.0	--	--
SELENIUM UG/L	0	0	4	1	1	--	2	1	3
SILICA MG/L	1.5	1.6	2.2	2.0	1.7	4.5	.80	1.7	5.3
SILVER UG/L	< .90	< .90	< .80	< .70	< .30	< .30	< .40	--	< .70
SODIUM MG/L	14	18	7.5	7.6	36	8.7	14	9.9	19
SPECIFIC COND UMHOS	389	374	282	269	297	248	311	245	294
STRONTIUM UG/L	250	280	160	160	100	230	300	--	240
SULFATE MG/L	19	18	36	48	32	28	31	24	41
TIN UG/L	< 5.0	< 5.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	--	< 4.0
TITANIUM UG/L	< 2.0	< 2.0	11	< 2.0	< 4.0	2.0	< 4.0	--	4.0
VANADIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 4.0	< 2.0	--	< 2.0
ZINC UG/L	< 430	< 430	< 160	< 160	< 170	< 220	< 170	--	< 350
ZIRCONIUM UG/L	< 10	< 10	< 8.0	< 8.0	< 8.0	ND	< 2.0	--	< 8.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ALBANY COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	424657073422600	COHOES(C)-MOHAWK RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	06/06/72	07/13/72	10/20/72	01/10/73	04/19/73	06/11/73	09/17/73	12/13/73	03/05/74
ALUMINUM UG/L	420	160	630	380	51	480	1100	1400	350
ARSENIC UG/L	6	5	0	0	0	0	0	1	1
BARIUM UG/L	26	38	47	23	35	30	42	41	27
BERYLLIUM UG/L	< .70	< .60	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< .80	< .70
BICARBONATE MG/L	88	99	107	97	103	110	110	85	79
BISMUTH UG/L	< 3.0	< 3.0	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0	< 4.0	< 3.0
BORON UG/L	17	14	38	18	20	12	38	18	22
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	38	32	38	36	36	36	40	27	27
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	12	7.6	19	14	12	9.7	21	8.5	11
CHROMIUM UG/L	5	< 3	< 4	< 4	< 4	8	7	11	6
COBALT UG/L	< 3.0	< 3.0	< 4.0	< 4.0	< 4.0	< 3.0	< 5.0	2.0	< 3.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	89	1100	8.0	7.0	3.0	16	23	120	140
CYANIDE MG/L	0	0	0	.02	0	.01	.01	0	0
DISS SOLIDS SUM MG/L	127	124	167	144	139	138	173	122	114
FLUORIDE MG/L	.10	.10	.10	.10	.10	.40	.30	.30	.10
GALLIUM UG/L	< 2.0	< 3.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	1.0	< 2.0
GERMANIUM UG/L	< 3.0	< 6.0	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0	< 4.0	< 3.0
HARDNESS TOTAL MG/L	95	100	121	114	114	114	127	94	86
HARDNESS NONCARB MG/L	23	19	33	35	29	24	37	24	21
IRON UG/L	480	200	4200	420	3000	750	2000	3200	520
LEAD UG/L	2.0	7.0	4.0	< 4.0	5.0	< 4.0	5.0	6.0	< 2.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	--	0	10	0	0
MAGNESIUM MG/L	5.0	5.0	6.4	5.9	5.8	5.9	6.7	6.5	4.5
MANGANESE UG/L	50	64	540	44	880	70	130	100	53
MBAS MG/L	.03	.03	.03	.04	.03	.04	.01	.02	.04
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .70	< .60	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0
NICKEL UG/L	4.0	5.0	5.0	4.0	4.0	3.0	7.0	10	3.0
NITRATE AS N MG/L	.80	.50	.20	.90	.50	.64	.32	.70	.92
NITRITE AS N MG/L	--	--	--	--	--	.06	.05	.02	.05
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	.37	.43	--
NITROGEN NH4+ORG-N MG/L	.60	.52	.43	.48	.51	.66	.85	.40	.08
PH UNITS	7.3	7.7	7.5	7.8	8.2	7.7	7.6	7.5	7.6
PHENOLS UG/L	24	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.07	.05	.04	.04	.04	.14	.11	.05	.05
POTASSIUM MG/L	1.5	1.2	1.6	1.0	1.7	1.1	2.1	1.7	1.1
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	3	0	10	3	1	1	1	0	1
SILICA MG/L	4.7	4.6	2.0	5.2	5.5	1.4	.40	4.1	3.9
SILVER UG/L	< .70	< .60	< .40	< .40	< .40	< .50	< .70	< .40	< .30
SODIUM MG/L	7.5	5.1	13	8.3	6.4	7.4	15	6.0	6.4
SPECIFIC COND UMHOS	230	220	298	256	232	247	325	211	201
STRONTIUM UG/L	220	190	280	200	240	240	330	210	240
SULFATE MG/L	22	19	34	25	20	21	33	25	20
TIN UG/L	< 3.0	< 6.0	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0	< 4.0	< 3.0
TITANIUM UG/L	15	6.0	25	11	< 4.0	12	50	100	15
VANADIUM UG/L	< 2.0	< 2.0	< 4.0	< 4.0	< 4.0	< 2.0	2.0	4.0	2.0
ZINC UG/L	< 150	< 280	< 240	20	0	10	30	130	80
ZIRCONIUM UG/L	< 7.0	< 6.0	< 8.0	< 4.0	< 7.0	< 7.0	< 7.0	< 4.0	< 5.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ALBANY COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	424657073422600	COHOES(C)-MOHAWK RIVER
	B	424657073422601	COHOES(C)-MOHAWK RIVER

SYSTEM(S) ON THIS PAGE..	A	B	B	B	B	B	B	B	B
TYPE OF WATER SAMPLED...	RAW	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	02/07/75	11/09/70	07/13/71	10/14/71	01/12/72	04/06/72	07/13/72	10/20/72	01/10/73
ALUMINUM UG/L	410	35	31	48	210	69	130	78	520
ARSENIC UG/L	0	0	0	0	0	0	0	0	0
BARIUM UG/L	25	25	40	25	24	23	25	29	19
BERYLLIUM UG/L	< .30	< .40	< .40	< .70	< .80	< .70	< .70	< 2.0	< 2.0
BICARBONATE MG/L	96	90	79	83	101	90	97	116	103
BISMUTH UG/L	< .70	< 4.0	< 2.0	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0	< 4.0
BORON UG/L	20	37	22	31	19	15	10	19	14
CADMIUM UG/L	0	--	0	0	0	0	0	0	0
CALCIUM MG/L	33	33	36	33	36	30	32	41	32
CARBONATE MG/L	0	0	0	0	0	0	3	3	0
CHLORIDE MG/L	12	18	24	18	17	15	11	24	15
CHROMIUM UG/L	< 1	< 4	< 4	< 4	< 4	2	< 4	< 5	< 4
COBALT UG/L	< .50	< 4.0	< .80	< 2.0	< 4.0	< 4.0	< 4.0	< 5.0	< 4.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	12	< 17	48	14	3.0	2.0	10	9.0	2.0
CYANIDE MG/L	0	0	.01	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	132	170	172	162	152	152	152	202	166
FLUORIDE MG/L	0	.20	.10	.10	.10	.10	.10	.30	.10
GALLIUM UG/L	< .30	ND	< .80	< 2.0	< .80	< 2.0	< 4.0	< 2.0	< 2.0
GERMANIUM UG/L	< 1.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 7.0	< 5.0	< 4.0
HARDNESS TOTAL MG/L	106	101	117	102	115	95	101	130	102
HARDNESS NONCARB MG/L	27	27	52	34	32	21	16	29	17
IRON UG/L	440	9.0	14	130	19	22	120	14	67
LEAD UG/L	2.0	< 4.0	< .80	< 8.0	< 4.0	< 2.0	< 4.0	< 5.0	< 4.0
LITHIUM UG/L	2.0	3.0	3.0	< 10	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	5.7	4.4	6.6	4.7	6.0	4.9	5.1	6.8	5.3
MANGANESE UG/L	45	< 2.0	2.0	2.0	8.0	5.0	6.0	3.0	12
MBAS MG/L	.10	.04	.04	.04	.04	.05	.03	.04	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	.70
MOLYBDENUM UG/L	< .30	< .60	.60	< .70	< .80	< .70	< .70	< 2.0	< 2.0
NICKEL UG/L	3.0	1.0	< 4.0	9.0	< 2.0	< 4.0	< 4.0	< 5.0	< 4.0
NITRATE AS N MG/L	.71	.46	.72	.60	.70	.80	.40	.60	.70
NITRITE AS N MG/L	.01	0	0	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	0	0	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.49	--	.28	.58	.04	.21	.27	.29	.20
PH UNITS	7.7	7.8	6.8	7.3	7.6	7.5	8.5	6.4	8.0
PHENOLS UG/L	--	0	0	5.0	0	0	--	--	--
PHOSPHORUS AS P MG/L	.06	.02	0	.01	.00	.00	.00	.00	.02
POTASSIUM MG/L	1.3	1.4	1.8	1.6	1.5	1.6	1.3	1.9	1.2
RUBIDIUM UG/L	--	1.0	2.0	--	--	--	--	--	--
SELENIUM UG/L	2	0	2	0	4	4	0	2	4
SILICA MG/L	4.9	4.3	1.3	1.9	5.6	4.4	4.4	.58	4.3
SILVER UG/L	< .10	< .40	< .40	< .40	< .80	< .70	< .70	< .50	< .40
SODIUM MG/L	7.5	20	13	18	8.9	17	15	23	20
SPECIFIC COND UMHOS	260	303	322	292	258	273	269	356	291
STRONTIUM UG/L	236	250	300	270	270	220	210	330	280
SULFATE MG/L	20	44	58	44	27	34	32	43	37
TIN UG/L	< 1.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 7.0	< 5.0	< 4.0
TITANIUM UG/L	10	2.0	< 4.0	< 2.0	< 2.0	4.0	< 4.0	< 5.0	< 4.0
VANADIUM UG/L	< 1.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 5.0	< 4.0
ZINC UG/L	0	< 250	< 170	< 170	< 350	< 160	< 320	< 290	< 240
ZIRCONIUM UG/L	< 2.0	ND	< 2.0	< 8.0	< 8.0	< 8.0	< 7.0	< 9.0	< 4.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ALBANY COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	424657073422601	COHOES(C)-MOHAWK RIVER
B	424421073413401	GREEN ISLAND(V)-WELLS

SYSTEM(S) ON THIS PAGE...	A	A	A	A	A	A	B	B	B
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	RAW	RAW	RAW
DATE.....	04/19/73	06/11/73	09/17/73	12/13/73	03/05/74	02/07/75	11/09/70	07/12/71	10/14/71
ALUMINUM UG/L	100	230	90	120	300	430	10	0.0	0.0
ARSENIC UG/L	0	0	0	< 1	1	0	0	0	0
BARIUM UG/L	10	22	35	21	24	23	240	210	200
BERYLLIUM UG/L	< 1.0	< .70	< 2.0	< .40	< .80	< .30	< .60	< .60	< 2.0
BICARBONATE MG/L	89	96	102	86	79	95	176	184	176
BISMUTH UG/L	< 3.0	< 4.0	< 5.0	< 4.0	< 4.0	< .40	< 6.0	< 3.0	< 6.0
BORON UG/L	14	11	38	24	19	16	54	28	57
CADMIUM UG/L	0	0	0	0	0	0	1	0	0
CALCIUM MG/L	29	31	38	30	28	34	58	54	48
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	12	12	28	16	16	17	29	36	29
CHROMIUM UG/L	< 3	1	< 2	2	2	< 2	< 6	< 6	< 6
COBALT UG/L	< 3.0	< 1.0	< 5.0	< 3.0	< 4.0	< .60	< 6.0	< 2.0	< 3.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	2.0	5.0	14	5.0	4.0	5.0	< 3.0	11	52
CYANIDE MG/L	0	.01	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	138	142	188	160	141	167	221	250	219
FLUORIDE MG/L	.10	.30	.30	.40	0	.10	.10	.10	.20
GALLIUM UG/L	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< .30	ND	< 2.0	< 3.0
GERMANIUM UG/L	< 3.0	< 4.0	< 5.0	< 4.0	< 4.0	< 2.0	< 6.0	< 6.0	< 4.0
HARDNESS TOTAL MG/L	91	96	122	106	90	109	154	176	151
HARDNESS NONCARB MG/L	18	20	38	35	25	31	10	25	6
IRON UG/L	11	43	8.0	10	40	55	1300	1400	1900
LEAD UG/L	< 3.0	< 2.0	< 5.0	< 4.0	< 3.0	< 1.0	< 6.0	< 2.0	< 12
LITHIUM UG/L	--	1.0	0	0	0	2.0	28	28	20
MAGNESIUM MG/L	4.4	5.1	6.6	7.5	4.8	5.9	7.1	10	7.5
MANGANESE UG/L	4.0	6.0	7.0	< 2.0	9.0	10	1000	1400	1400
MBAS MG/L	.02	.03	0	.01	.04	.10	.02	.02	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	8.4	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 1.0	< 2.0	< .80	< 2.0	< .30	< .80	< 2.0	< 2.0
NICKEL UG/L	< 3.0	< 2.0	< 5.0	< 4.0	< 3.0	2.0	< 3.0	< 6.0	< 6.0
NITRATE AS N MG/L	.70	.48	.37	.65	.99	.74	.07	.17	.10
NITRITE AS N MG/L	--	.00	.00	.01	.01	0	.01	.01	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	.09	1.1	--
NITROGEN NH4+ORG-N MG/L	.26	.59	.22	.40	0	.11	--	.97	1.1
PH UNITS	8.0	8.1	8.0	7.7	7.6	7.7	7.1	7.1	7.0
PHENOLS UG/L	--	--	--	--	--	--	0	0	13
PHOSPHORUS AS P MG/L	0	.01	.01	.00	.01	.01	.05	.02	.09
POTASSIUM MG/L	1.1	1.1	1.9	1.7	1.3	1.3	2.4	3.0	2.9
RUBIDIUM UG/L	--	--	--	--	--	--	2.0	2.0	--
SELENIUM UG/L	1	1	1	1	< 1	0	0	4	4
SILICA MG/L	4.0	2.8	.80	3.4	3.6	4.5	8.8	7.1	7.9
SILVER UG/L	< .30	< .70	< .70	< .40	< .40	< .20	< .60	< .60	< .60
SODIUM MG/L	15	14	20	17	14	17	19	20	19
SPECIFIC COND UMHOS	244	247	347	284	247	315	413	439	384
STRONTIUM UG/L	170	200	300	240	230	250	290	270	260
SULFATE MG/L	20	20	42	41	33	40	18	28	18
TIN UG/L	< 3.0	< 4.0	< 5.0	< 4.0	< 4.0	< 2.0	< 6.0	< 6.0	< 6.0
TITANIUM UG/L	< 3.0	< 3.0	< 3.0	< 2.0	3.0	3.0	4.0	< 6.0	3.0
VANADIUM UG/L	< 3.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 6.0	< 3.0	< 3.0
ZINC UG/L	--	0	30	20	30	10	< 380	< 260	< 250
ZIRCONIUM UG/L	< 7.0	< 4.0	< 7.0	< 4.0	< 5.0	< 2.0	ND	< 3.0	< 12

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ALBANY COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	424421073413401	GREEN ISLAND(V)-WELLS
B	424421073413400	GREEN ISLAND(V)-WELLS

SYSTEM(S) ON THIS PAGE..	A	A	A	B	B	B	B	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	01/12/72	04/06/72	02/07/75	11/09/70	07/12/71	10/14/71	01/12/72	04/06/72	02/07/75
ALUMINUM UG/L	43	22	5.0	15	4.0	7.0	59	16	40
ARSENIC UG/L	3	0	1	0	0	0	4	1	0
BARIUM UG/L	180	210	270	150	170	140	130	160	230
BERYLLIUM UG/L	< 2.0	< 2.0	< .50	< .60	< .60	< 2.0	< 2.0	< 2.0	< .50
BICARBONATE MG/L	188	192	197	170	168	164	173	185	182
BISMUTH UG/L	< 6.0	< 6.0	< 2.0	< 6.0	< 3.0	< 5.0	< 6.0	< 6.0	< 2.0
BORON UG/L	35	32	54	53	28	48	30	32	58
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	52	55	57	50	53	48	53	52	56
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	33	35	39	31	40	31	38	39	43
CHROMIUM UG/L	< 6	< 6	< 2	< 6	< 6	< 5	< 6	< 6	< 2
COBALT UG/L	< 6.0	< 6.0	< 1.0	< 6.0	< 2.0	< 3.0	< 6.0	< 6.0	< 1.0
COLIFORM CUL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	26	17	22	< 23	43	21	87	30	37
CYANIDE MG/L	0	0	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	251	256	262	218	263	214	248	241	258
FLUORIDE MG/L	.50	.40	.10	.20	.10	.20	.10	.10	.30
GALLIUM UG/L	< 2.0	< 3.0	< .50	ND	< 2.0	< 3.0	< 2.0	< 3.0	< .50
GERMANIUM UG/L	< 6.0	< 6.0	< 2.0	< 6.0	< 6.0	< 5.0	< 6.0	< 6.0	< 2.0
HARDNESS TOTAL MG/L	171	178	188	153	174	151	174	170	185
HARDNESS NONCARB MG/L	17	21	24	13	34	16	32	34	34
IRON UG/L	1700	2100	1500	770	480	770	1200	620	680
LEAD UG/L	< 6.0	< 3.0	< 2.0	< 6.0	< 2.0	< 11	< 6.0	< 3.0	< 2.0
LITHIUM UG/L	30	30	30	29	26	28	30	30	30
MAGNESIUM MG/L	10	10	11	6.8	10	7.5	10	9.7	11
MANGANESE UG/L	1400	1400	1400	430	490	480	750	500	780
MBAS MG/L	.05	.05	0	.04	.03	.04	.03	.04	0
MERCURY UG/L	< .50	< .50	.70	< .50	< .50	< .50	< .50	< .50	.50
MOLYBDENUM UG/L	< 2.0	< 2.0	< .50	< .40	< 2.0	< 2.0	< 2.0	< 2.0	< .50
NICKEL UG/L	< 3.0	< 6.0	< 2.0	< 3.0	< 6.0	< 5.0	< 3.0	< 6.0	< 2.0
NITRATE AS N MG/L	.30	.20	.20	.02	.69	.78	.80	.90	.77
NITRITE AS N MG/L	--	--	.01	.02	.02	--	--	--	.01
NITROGEN NH4 AS N MG/L	.96	.99	--	.19	.17	--	--	--	--
NITROGEN NH4+ORG-N MG/L	1.2	1.3	1.4	--	.54	.38	.59	.08	1.1
PH UNITS	7.2	6.9	6.9	7.2	7.2	7.0	7.2	7.0	7.0
PHENOLS UG/L	1.0	0	--	0	0	16	0	0	--
PHOSPHORUS AS P MG/L	.04	.05	.03	.05	.01	.05	.02	.01	.51
POTASSIUM MG/L	2.8	2.6	3.3	2.5	2.9	2.9	2.9	2.8	3.3
RUBIDIUM UG/L	--	--	--	2.0	2.0	--	--	--	--
SELENIUM UG/L	0	1	1	0	0	3	3	2	0
SILICA MG/L	8.9	7.9	7.6	8.5	7.1	7.8	8.9	7.8	7.6
SILVER UG/L	< 2.0	< 2.0	< .20	< .60	< .60	< .50	< 2.0	< 2.0	< .20
SODIUM MG/L	23	22	22	19	20	19	23	22	23
SPECIFIC COND UMHOS	437	460	510	407	442	385	434	453	500
STRONTIUM UG/L	250	300	330	240	280	240	250	280	320
SULFATE MG/L	27	27	25	16	26	16	26	27	23
TIN UG/L	< 6.0	< 12	< 2.0	< 6.0	< 6.0	< 5.0	< 6.0	< 13	< 2.0
TITANIUM UG/L	< 3.0	< 3.0	< 2.0	6.0	< 6.0	< 3.0	< 3.0	< 3.0	< 2.0
VANADIUM UG/L	< 3.0	< 6.0	< 2.0	< 6.0	< 3.0	< 3.0	< 3.0	< 6.0	< 2.0
ZINC UG/L	< 540	< 250	0	< 380	< 260	< 240	< 520	< 270	170
ZIRCONIUM UG/L	< 12	< 12	< 3.0	ND	< 3.0	< 11	< 11	< 13	< 3.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ALBANY COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	424125073533200	GUILDERLAND WD-WELL
M	424724073478100	LATHAM WD-MOHAWK RIVER

SYSTEM(S) ON THIS PAGE..	A	M	B	B	M	M	B	M	R
TYPE OF WATER SAMPLED...	DISTRBN	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	09/07/73	11/09/70	07/12/71	10/14/71	01/12/72	04/06/72	05/17/72	05/31/72	06/14/72
ALUMINUM UG/L	30	22	130	390	220	600	2400	1000	1200
ANSENIC UG/L	0	0	0	3	4	4	5	6	4
HARIUM UG/L	40	20	37	31	29	33	85	34	34
BERYLLIUM UG/L	< 1.0	< .50	< .40	< 2.0	< .80	< .80	3.0	< .60	< 2.0
BICARBONATE MG/L	132	84	106	76	104	103	78	86	98
BISMUTH UG/L	< 4.0	< 2.0	< 2.0	< 4.0	< 4.0	< 4.0	< 7.0	< 3.0	< 3.0
BORON UG/L	40	35	19	65	25	23	44	12	19
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	7.8	30	37	32	36	38	28	29	32
CARBONATE MG/L	1	0	3	0	0	0	0	0	0
CHLORIDE MG/L	11	12	25	24	19	14	9.0	15	7.5
CHROMIUM UG/L	< 2	4	5	16	9	12	23	11	10
COBALT UG/L	< 4.0	< 2.0	< .80	< 4.0	< 4.0	< 4.0	< 7.0	< 3.0	< 3.0
COLIFORM COL/100 ML	--	--	--	--	--	--	10000	2000	3000
COPPER UG/L	10	3.0	3.0	53	7.0	5.0	20	10	7.0
CYANIDE MG/L	.02	--	.01	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	152	127	175	142	147	149	117	124	125
FLUORIDE MG/L	1.1	.10	.20	.20	.20	.10	.20	.10	.10
GALLIUM UG/L	< 2.0	ND	< .80	< 4.0	< .80	< 2.0	< 7.0	< 2.0	< 3.0
GERMANIUM UG/L	< 4.0	< 3.0	< 4.0	< 8.0	< 4.0	< 4.0	< 14	< 5.0	< 7.0
HARDNESS TOTAL MG/L	24	92	117	100	117	120	89	90	101
HARDNESS NONCARB MG/L	0	23	26	30	30	36	25	20	21
IRON UG/L	12	100	240	730	390	840	2300	1000	1500
LEAD UG/L	< 4.0	< 2.0	< .80	4.0	< 4.0	5.0	22	3.0	5.0
LITHIUM UG/L	0	2.0	2.0	< 10	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	1.1	4.1	6.1	4.4	6.6	6.1	4.7	4.3	5.2
MANGANESE UG/L	7.0	31	57	78	85	92	160	86	130
MBAS MG/L	0	.04	.05	.07	.05	.02	.03	.04	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	15	.60	< .80	1.0	4.0	< .80	< 7.0	< 2.0	< 2.0
NICKEL UG/L	< 4.0	2.0	6.0	6.0	3.0	6.0	22	6.0	7.0
NITRATE AS N MG/L	0	.44	.47	.60	.78	.70	.98	1.0	.80
NITRITE AS N MG/L	0	.02	.06	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	.19	1.0	--	.43	--	--	.82	--
NITROGEN NH4+ORG-N MG/L	.01	--	1.1	.73	.78	.66	.82	.77	.71
PH UNITS	8.4	7.3	8.4	7.1	7.7	7.3	7.4	7.9	7.5
PHENOLS UG/L	--	1.0	9.0	6.0	25	0	--	--	--
PHOSPHORUS AS P MG/L	.05	.11	.12	.15	.10	.15	.11	.11	.06
POTASSIUM MG/L	4.0	1.2	1.7	1.4	1.5	1.5	1.5	1.1	1.2
RUBIDIUM UG/L	--	< 1.0	1.0	--	--	--	--	--	--
SELENIUM UG/L	1	0	4	3	2	0	1	2	2
SILICA MG/L	7.9	4.7	.30	4.2	6.0	4.7	4.0	.80	4.3
SILVER UG/L	< .50	< .20	< .40	< .40	< .80	< .80	< 2.0	< .20	< .78
SODIUM MG/L	49	8.0	12	11	13	8.7	6.2	7.6	7.4
SPECIFIC COND UMHOS	250	231	293	258	286	269	201	224	224
STRONTIUM UG/L	120	180	280	370	280	270	350	210	220
SULFATE MG/L	4.5	25	31	26	31	24	24	22	18
TIN UG/L	< 4.0	< 3.0	< 4.0	< 4.0	< 4.0	< 4.0	< 14	< 3.0	< 3.0
TITANIUM UG/L	< 3.0	< 2.0	5.0	13	5.0	20	230	70	75
VANADIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	2.0	7.0	2.0	3.0
ZINC UG/L	0	< 180	< 170	< 160	< 390	< 180	< 290	< 280	< 150
ZIRCONIUM UG/L	< 5.0	ND	< 2.0	< 8.0	< 9.0	< 9.0	< 14	< 7.0	< 7.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ALBANY COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	424724073670100	LATHAM WD-MOHAWK RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	07/12/72	07/26/72	08/09/72	08/23/72	09/06/72	09/20/72	10/03/72	10/18/72	11/01/72
ALUMINUM UG/L	920	580	420	360	270	480	690	220	440
ARSENIC UG/L	1	11	6	5	4	5	6	0	0
BARIUM UG/L	40	35	39	32	35	31	37	32	34
BERYLLIUM UG/L	< .80	< .70	< 2.0	< 2.0	< .80	< 2.0	< 2.0	< 1.0	< 2.0
BICARBONATE MG/L	111	109	118	107	116	108	108	124	104
BISMUTH UG/L	< 4.0	< 4.0	< 9.0	< 4.0	< 3.8	< 4.0	< 4.0	< 5.0	< 4.0
BORON UG/L	20	19	16	21	34	26	34	35	38
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	36	37	40	37	41	39	37	44	38
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	8.5	16	17	12	17	19	18	21	15
CHROMIUM UG/L	6	7	9	9	5	8	13	8	14
COBALT UG/L	< 4.0	< 4.0	< 4.0	< 3.0	< 4.0	< 4.0	< 9.0	< 5.0	< 4.0
COLIFORM COL/100 ML	440	2400	32000	2100	5200	1400	2500	440	2000
COPPER UG/L	7.0	6.0	10	8.0	5.0	7.0	9.0	6.0	7.0
CYANIDE MG/L	.01	.01	0	0	.01	.01	.01	0	0
DISS SOLIDS SUM MG/L	137	149	167	145	166	166	160	187	162
FLUORIDE MG/L	.10	.20	.30	.10	.10	.30	.20	.20	.40
GALLIUM UG/L	< 4.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0
GERMANIUM UG/L	< 8.0	< 4.0	< 9.0	< 4.0	< 4.0	< 6.0	< 9.0	< 5.0	< 4.0
HARDNESS TOTAL MG/L	114	117	127	117	127	123	118	140	122
HARDNESS NONCARB MG/L	23	28	31	29	32	35	29	38	33
IRON UG/L	870	650	580	550	430	520	790	440	510
LEAD UG/L	4.0	< 4.0	< 4.0	6.0	2.0	3.0	6.0	5.0	5.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	5.9	6.0	6.7	6.0	6.0	6.3	6.2	7.3	6.6
MANGANESE UG/L	100	69	74	100	90	77	97	64	71
MBAS MG/L	.03	.04	.04	.04	.08	.05	.05	.05	.05
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .80	< 2.0	< .80	6.0	< 2.0	< 2.0	< .90	< 2.0	< 2.0
NICKEL UG/L	7.0	5.0	7.0	9.0	5.0	< 4.0	9.0	7.0	7.0
NITRATE AS N MG/L	.70	.80	.60	.60	.60	.70	.70	.90	.90
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	.94	.60	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.61	.77	.91	1.1	1.0	.89	.92	.97	.76
PH UNITS	7.8	7.6	8.3	7.9	8.0	8.0	8.0	7.9	7.8
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.08	.12	.16	.16	.16	.21	.16	.12	.15
POTASSIUM MG/L	1.2	1.3	1.6	1.5	1.6	1.4	1.5	2.0	1.4
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	0	0	0	0	2	4	2
SILICA MG/L	3.7	1.8	.10	.20	.10	.10	.10	.20	4.3
SILVER UG/L	< .80	< .40	< .80	< .40	< .40	< .40	< .90	< .50	< .40
SODIUM MG/L	6.0	9.6	12	8.6	12	14	13	15	11
SPECIFIC COND UMHOS	250	271	304	269	309	305	287	330	284
STRONTIUM UG/L	280	220	330	270	280	310	390	400	380
SULFATE MG/L	20	23	31	26	30	32	30	35	31
TIN UG/L	< 8.0	< 4.0	< 9.0	< 4.0	< 4.0	< 4.0	< 9.0	< 5.0	< 4.0
TITANIUM UG/L	55	36	18	15	12	25	52	5.0	36
VANADIUM UG/L	< 2.0	< 3.0	< 2.0	< 3.0	2.0	2.0	< 9.0	< 2.0	< 4.0
ZINC UG/L	< 360	< 250	< 270	< 250	< 170	< 260	< 180	< 290	10
ZIRCONIUM UG/L	< 8.0	< 8.0	< 4.0	< 6.0	< 8.0	< 8.0	< 9.0	< 7.0	< 6.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ALBANY COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	424724073470100	LATHAM WH-MOHAWK RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	11/15/72	11/29/72	12/13/72	12/27/72	01/10/73	01/24/73	02/06/73	02/20/73	03/06/73
ALUMINUM UG/L	1800	2600	1900	550	500	1400	1900	290	990
ARSENIC UG/L	10	0	0	10	10	10	0	8	0
BARIUM UG/L	36	41	33	25	27	30	29	21	29
BERYLLIUM UG/L	< .70	< 1.0	< .80	< .40	< 2.0	< 1.0	< 1.0	< .70	< 1.0
BICARBONATE MG/L	92	98	88	97	98	85	77	86	94
BISMUTH UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 3.0	< 4.0
BORON UG/L	20	23	19	12	21	23	18	25	15
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	32	32	31	36	34	30	28	32	32
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	9.5	1	15	17	14	10	15	13	15
CHROMIUM UG/L	10	7	8	4	5	11	5	7	5
COBALT UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 3.0	< 4.0
COLIFORM COL/100 ML	3300	< 1200	3600	3200	< 1200	2400	2300	--	5300
COPPER UG/L	15	8.0	5.0	5.0	5.0	15	4.0	7.0	10
CYANIDE MG/L	0	.01	0	0	0	0	.01	0	0
DISS SOLIDS SUM MG/L	130	134	138	152	145	122	124	132	141
FLUORIDE MG/L	.10	0	.10	.20	.10	.10	.10	.10	.30
GALLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
GERMANIUM UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 3.0	< 4.0
HARDNESS TOTAL MG/L	102	101	98	115	115	95	88	101	102
HARDNESS NONCARB MG/L	27	27	26	35	34	25	25	31	25
IRON UG/L	1400	2300	2100	720	560	2000	2100	180	1400
LEAD UG/L	6.0	4.0	5.0	4.0	< 4.0	5.0	5.0	< 3.0	4.0
LITHIUM UG/L	< 10	< 1.0	< 10	< 10	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	5.4	5.2	5.1	6.0	6.0	6.4	6.4	5.2	5.4
MANGANESE UG/L	100	100	80	60	57	46	78	59	120
MBAS MG/L	.03	.03	.02	.02	.02	.03	.02	.04	.05
MERCURY UG/L	< .50	< .50	< .50	1.0	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 2.0	< .80	< .40	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
NICKEL UG/L	8.0	9.0	9.0	8.0	6.0	8.0	6.0	6.0	7.0
NITRATE AS N MG/L	.60	.60	.80	.70	.10	1.0	.80	1.2	1.4
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	.31	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.59	.56	.17	.39	.49	.48	.67	.44	.82
PH UNITS	8.0	7.7	7.2	7.7	7.5	7.4	7.6	7.6	7.6
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.09	.12	.10	.07	.09	.12	.13	.09	.16
POTASSIUM MG/L	1.9	2.1	1.1	1.3	1.1	1.5	1.4	1.1	2.4
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	6	2	0	4	4	4	0	1	1
SILICA MG/L	5.6	4.6	4.9	5.1	5.4	4.4	4.2	5.3	4.2
SILVER UG/L	< .40	< .40	< .40	< .40	< .40	< .40	< .40	< .30	< .40
SODIUM MG/L	6.1	7.2	9.4	11	8.7	7.2	11	8.3	9.7
SPECIFIC COND UMHOS	228	232	245	271	263	224	230	237	245
STRONTIUM UG/L	200	180	150	190	210	180	140	180	190
SULFATE MG/L	24	27	27	27	25	21	21	23	24
TIN UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 3.0	< 3.0
TITANIUM UG/L	100	170	100	24	20	42	85	10	52
VANADIUM UG/L	< 4.0	4.0	4.0	< 3.0	< 4.0	< 4.0	< 4.0	< 3.0	3.0
ZINC UG/L	30	30	28	10	20	20	10	0	0
ZIRCONIUM UG/L	< 5.0	< 7.0	< 4.0	< 4.0	< 4.0	< 7.0	< 7.0	< 7.0	< 4.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ALBANY COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	424724073470100	LATHAM WD-MOHAWK RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	03/20/73	04/03/73	04/17/73	04/30/73	05/22/74	06/04/74	06/21/74	07/02/74	07/19/74
ALUMINUM UG/L	5600	8500	2400	1300	750	680	750	940	1200
ARSENIC UG/L	0	0	0	0	< 1	2	2	3	2
BARIUM UG/L	46	70	37	32	28	35	43	44	51
BERYLLIUM UG/L	< .70	< 1.0	< 1.0	< 1.0	< .60	< 1.0	< 2.0	< 2.0	< 1.0
BICARBONATE MG/L	66	AD	AB	88	78	101	102	109	124
BISMUTH UG/L	< 4.0	< 5.0	< 4.0	< 4.0	< 3.0	< 4.0	< 4.0	< 4.0	< 3.0
BORON UG/L	29	30	24	23	14	23	36	21	30
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	25	26	31	32	26	33	34	36	38
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	8.6	10	9.0	10	7.1	10	15	13	12
CHROMIUM UG/L	9	18	16	12	6	6	7	9	10
COBALT UG/L	< 4.0	5.0	< 4.0	< 4.0	< 3.0	< 4.0	< 3.0	< 4.0	< 2.0
COLIFORM COL/100 ML	< 1600	5200	900	4100	--	--	--	--	--
COPPER UG/L	10	14	9.0	6.0	6.0	6.0	6.0	7.0	6.0
CYANIDE MG/L	.01	0	.01	.01	.01	.01	0	0	0
DISS SOLIDS SUM MG/L	101	122	121	125	103	132	143	152	154
FLUORIDE MG/L	0	.30	.10	.20	.10	.20	.30	.20	.20
GALLIUM UG/L	2.0	3.0	< 2.0	< 2.0	< .60	< .70	< 2.0	< 2.0	< 2.0
GERMANIUM UG/L	< 4.0	< 5.0	< 5.0	< 4.0	< 3.0	< 4.0	< 4.0	< 5.0	< 5.0
HARDNESS TOTAL MG/L	78	87	98	100	83	109	113	118	120
HARDNESS NONCARB MG/L	22	21	25	27	19	26	29	29	15
IRON UG/L	4500	6700	2800	1600	1000	750	1100	1000	1000
LEAD UG/L	5.0	8.0	5.0	4.0	12	4.0	< 4.0	< 4.0	7.0
LITHIUM UG/L	< 10	--	--	--	2.0	2.0	3.0	3.0	3.0
MAGNESIUM MG/L	3.7	4.1	4.9	4.8	4.3	6.5	6.8	6.9	6.2
MANGANESE UG/L	130	180	160	76	90	73	158	110	120
MBAS MG/L	.03	.03	.05	.04	.05	.06	.05	.07	.05
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 1.0	< 1.0	< 2.0	< .60	< 2.0	< 2.0	< 1.0	< 2.0
NICKEL UG/L	11	17	8.0	6.0	4.8	6.0	< 3.0	5.0	6.0
NITRATE AS N MG/L	.80	1.5	.80	.90	.50	.46	.49	.57	.45
NITRITE AS N MG/L	--	--	--	--	.02	.03	.04	.05	.03
NITROGEN NH4 AS N MG/L	--	.55	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.54	.92	.58	.49	.54	.55	.78	.85	.71
PH UNITS	7.7	8.0	8.0	7.7	6.9	8.5	7.6	7.9	7.7
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.29	.22	.89	.08	.09	.02	.11	.10	.14
POTASSIUM MG/L	1.3	1.7	1.0	1.0	1.1	1.1	1.2	1.4	1.8
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	1	1	2	3	3	0	2	0
SILICA MG/L	4.0	4.2	4.1	3.2	3.7	1.2	.30	.10	1.4
SILVER UG/L	< .40	< .50	< .40	< .40	< .30	< .40	< .40	< .50	< .50
SODIUM MG/L	5.0	6.0	6.9	7.3	5.1	7.8	10	9.8	9.2
SPECIFIC COND UMHOS	178	199	221	215	230	234	245	238	275
STRONTIUM UG/L	160	170	170	180	130	230	320	400	310
SULFATE MG/L	19	26	20	22	17	22	25	30	25
TIN UG/L	< 4.0	< 3.0	< 4.0	< 4.0	< 3.8	< 4.0	< 4.0	< 5.0	< 5.0
TITANIUM UG/L	240	480	200	95	45	38	26	50	50
VANADIUM UG/L	9.0	15	5.0	4.0	2.0	2.0	< 2.0	2.0	4.0
ZINC UG/L	30	50	10	20	20	30	40	10	10
ZIRCONIUM UG/L	9.0	18	6.0	< 7.0	< 3.0	3.0	< 6.0	< 6.0	< 5.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ALBANY COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	424724073470100	LATHAM WD-MOHAWK RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	07/31/74	08/12/74	08/27/74	09/12/74	09/23/74	10/09/74	10/24/74	11/05/74	11/21/74
ALUMINUM UG/L	680	350	1000	730	610	370	300	410	1100
ARSENIC UG/L	2	1	4	2	1	1	1	1	0
BARIUM UG/L	38	45	52	44	37	36	31	32	35
BERYLLIUM UG/L	< 1.0	< 1.0	< .50	< .30	< .40	< .30	< .30	< .30	< .30
BICARBONATE MG/L	113	117	120	111	95	113	111	107	101
BISMUTH UG/L	< 3.0	< 4.0	< 2.0	< .90	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0
BORON UG/L	22	20	20	35	34	27	38	30	25
CADMIUM UG/L	0	7	0	1	1	1	0	0	0
CALCIUM MG/L	35	43	39	32	30	35	38	37	35
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	15	15	19	12	12	12	12	14	12
CHROMIUM UG/L	5	3	8	6	7	3	5	7	5
COBALT UG/L	< 2.0	< 2.0	< 2.0	< .90	< 2.0	< .60	< .80	< 1.0	1.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	4.0	3.0	6.0	5.0	5.0	5.0	4.0	5.0	6.0
CYANIDE MG/L	0	0	0	.01	0	0	0	.01	0
DISS SOLIDS SUM MG/L	134	173	172	151	131	148	171	151	146
FLUORIDE MG/L	.10	.20	.20	.20	.10	.20	.20	.20	.40
GALLIUM UG/L	< 2.0	< .30	< .30	< .50	< .40	< .60	< .30	< .60	< .40
GERMANIUM UG/L	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
HARDNESS TOTAL MG/L	120	135	130	110	99	116	122	117	115
HARDNESS NONCARB MG/L	27	39	31	19	21	24	31	29	32
IRON UG/L	780	450	1200	910	1000	560	470	680	1300
LEAD UG/L	4.0	< 4.0	5.0	3.0	4.0	2.0	4.0	6.0	9.0
LITHIUM UG/L	2.0	2.0	3.0	2.0	2.0	2.0	2.0	3.0	2.0
MAGNESIUM MG/L	7.8	6.8	7.9	7.4	5.8	7.0	6.5	6.0	6.6
MANGANESE UG/L	50	50	130	84	85	57	58	75	110
MBAS MG/L	.0	.07	.05	.04	.04	.03	.03	.05	.04
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 1.0	< 1.0	.60	.40	.30	.50	.50	.40
NICKEL UG/L	4.0	3.0	6.0	5.0	6.0	2.0	3.0	4.0	6.0
NITRATE AS N MG/L	.50	3.9	.86	.50	.47	.42	.70	.53	.48
NITRITE AS N MG/L	.04	.03	.03	.03	.03	.01	.01	.02	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.64	.65	.65	.65	.53	.57	.62	.58	.62
PH UNITS	8.2	8.7	7.7	7.6	7.9	7.5	7.3	7.7	7.6
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.09	.07	.11	.10	.10	.02	.08	.10	.09
POTASSIUM MG/L	1.6	2.0	2.1	2.0	1.8	1.6	1.5	1.4	2.1
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	0	0	2	5	< 2	< 2	0	0
SILICA MG/L	.40	0	.20	4.3	4.4	4.1	3.9	4.3	4.9
SILVER UG/L	< .40	< .20	< .20	< .20	< .20	< .20	.20	.10	< .20
SODIUM MG/L	11	12	14	9.6	9.2	8.8	9.9	10	8.8
SPECIFIC COND UMHOS	320	300	310	305	270	270	325	280	220
STRONTIUM UG/L	340	360	380	350	260	300	250	260	210
SULFATE MG/L	27	32	30	28	20	23	44	25	26
TIN UG/L	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0
TITANIUM UG/L	28	16	50	30	40	20	10	20	40
VANADIUM UG/L	2.0	1.0	3.0	3.0	2.0	1.0	1.0	2.0	3.0
ZINC UG/L	60	10	20	110	0	0	10	30	10
ZIRCONIUM UG/L	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	3.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ALBANY COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	424724073470100	LATHAM WI-MOHAWK RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	12/06/74	12/19/74	12/31/74	01/14/75	01/31/75	02/14/75	02/28/75	03/14/75	03/28/75
ALUMINUM UG/L	560	480	350	2000	1600	140	3100	200	2500
ARSENIC UG/L	0	0	1	1	1	1	1	0	2
BARIUM UG/L	34	31	27	40	37	26	43	28	37
BERYLLIUM UG/L	< .30	< .30	< .70	< .40	< .30	< .30	< .30	< .30	< .40
BICARBONATE MG/L	113	106	104	91	99	104	82	97	84
BISMUTH UG/L	< 2.0	< 1.0	< 4.0	< 4.0	< 1.0	< .80	< .70	< 1.0	< 1.0
BORON UG/L	30	28	25	19	25	26	26	30	15
CADMIUM UG/L	1	1	0	0	0	1	1	0	0
CALCIUM MG/L	36	33	33	30	29	35	25	32	26
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	14	16	13	13	18	15	12	15	9.8
CHROMIUM UG/L	7	4	5	7	< 2	< 1	7	4	15
COBALT UG/L	< 2.0	< 1.0	< 4.0	< 4.0	< .60	< .80	2.0	< 1.0	< 1.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	7.0	5.0	4.0	6.0	4.0	5.0	11	5.0	5.0
CYANIDE MG/L	0	.01	.02	.01	.01	.01	.02	0	0
DISS SOLIDS SUM MG/L	156	146	143	138	134	149	113	142	111
FLUORIDE MG/L	.10	.20	0	.20	.10	.10	.10	.10	.30
GALLIUM UG/L	< .60	< .50	< 1.0	< 2.0	.30	< .30	1.0	< .50	< .50
GERMANIUM UG/L	< 2.0	< 1.0	< 4.0	< 4.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0
HARDNESS TOTAL MG/L	119	107	109	98	95	115	81	105	81
HARDNESS NONCARB MG/L	26	20	23	24	21	30	13	25	12
IRON UG/L	740	720	410	1700	1500	250	3300	450	1800
LEAD UG/L	4.0	3.0	4.0	5.0	5.0	1.0	6.0	< 1.0	4.0
LITHIUM UG/L	3.0	2.0	10	3.0	2.0	2.0	3.0	2.0	3.0
MAGNESIUM MG/L	7.0	6.0	6.4	5.7	5.4	6.8	4.4	6.0	4.0
MANGANESE UG/L	95	74	56	85	80	56	120	74	47
MBAS MG/L	.10	0	.10	0	.10	.10	0	0	0
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .60	< .50	< 1.0	< 2.0	< .30	< .30	< .40	.30	< .50
NICKEL UG/L	3.0	3.0	2.0	4.0	5.0	3.0	5.0	1.0	4.0
NITRATE AS N MG/L	.66	.53	.60	.62	.55	.82	.68	.80	.70
NITRITE AS N MG/L	.01	0	.01	.02	0	.01	.02	.01	.07
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.50	.47	.56	.58	.19	.86	.37	.53	.33
PH UNITS	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.8	7.8
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.06	.05	.05	.11	.01	.05	.13	.07	.08
POTASSIUM MG/L	1.2	1.2	.80	1.7	1.3	1.4	1.9	1.2	1.2
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	0	2	0	0	0	0	0
SILICA MG/L	5.1	4.9	4.8	4.5	4.6	5.1	4.1	5.0	4.5
SILVER UG/L	< .20	< .10	< .40	< .40	< .20	< .20	< .10	< .20	< .10
SODIUM MG/L	9.2	11	9.0	9.9	11	9.8	7.5	9.7	5.7
SPECIFIC COND UMHOS	300	310	271	280	269	290	215	285	215
STRONTIUM UG/L	280	190	260	170	240	280	180	230	200
SULFATE MG/L	27	21	24	20	20	24	17	24	17
TIN UG/L	< 2.0	< 1.0	< 4.0	< 4.0	< 2.0	< 2.0	< 1.0	< 2.0	< 1.0
TITANIUM UG/L	30	27	19	110	97	4.0	< 150	3.0	140
VANADIUM UG/L	1.0	1.0	< 2.0	4.0	3.0	< .80	5.0	1.0	3.0
ZINC UG/L	30	20	10	10	20	20	20	10	10
ZIRCONIUM UG/L	< 2.0	< 2.0	< 5.0	< 4.0	2.0	< 2.0	5.0	< 2.0	6.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ALBANY COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	424724073470100	LATHAM WD-MOHAWK RIVER
B	424724073470101	LATHAM WD-MOHAWK RIVER

SYSTEM(S) ON THIS PAGE...	A	A	A	B	B	B	B	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE	04/07/75	04/22/75	05/05/75	11/09/70	07/12/71	10/14/71	01/12/72	04/06/72	05/22/74
ALUMINUM UG/L	3800	1700	1800	97	730	45	290	94	50
ARSENIC UG/L	3	1	1	0	0	0	2	1	< 1
BARIUM UG/L	40	36	31	20	30	26	27	22	21
BERYLLIUM UG/L	< .50	< .40	< .20	< .50	< .40	< 2.0	< .80	< .70	< .40
BICARBONATE MG/L	81	75	69	74	100	68	96	83	46
BISMUTH UG/L	< 1.0	< 1.0	< .80	< 2.0	< 2.0	< 4.0	< 4.0	< 4.0	< 3.0
BORON UG/L	27	25	24	40	22	47	25	15	11
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	24	26	25	31	37	33	36	34	25
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	12	7.5	9.1	21	30	26	26	19	14
CHROMIUM UG/L	1	4	7	< 4	< 4	< 4	< 4	2	< 2
COBALT UG/L	1.0	< .70	.70	< 2.0	< .80	< 4.0	< 4.0	< 4.0	< 3.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	6.0	5.0	5.0	17	1.0	12	5.0	4.0	7.0
CYANIDE MG/L	.01	0	.01	0	.01	0	0	0	0
DISS SOLIDS SUM MG/L	114	97	101	149	187	169	195	154	126
FLUORIDE MG/L	0	.10	.20	.10	.10	.20	.10	.10	.10
GALLIUM UG/L	1.0	< .40	< .40	ND	< .80	< 4.0	< .80	< 2.0	< .60
GERMANIUM UG/L	< 1.0	< 1.0	< 1.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 3.0
HARDNESS TOTAL MG/L	97	81	79	95	117	103	124	108	79
HARDNESS NONCARB MG/L	30	19	22	34	35	37	45	40	25
IRON UG/L	2800	2000	1400	11	25	14	28	14	13
LEAD UG/L	5.0	4.0	4.0	< 2.0	< .80	< 4.0	< 4.0	31	< 3.0
LITHIUM UG/L	4.0	2.0	2.0	2.0	3.0	< 10	< 10	< 10	1.0
MAGNESIUM MG/L	5.4	3.9	4.0	4.2	5.9	5.0	7.0	5.6	4.0
MANGANESE UG/L	85	100	110	< 2.0	4.0	< 2.0	8.0	< 2.0	1.0
MBAS MG/L	0	0	0	.07	.05	.05	.07	.04	.06
MERCURY UG/L	< .50	< .50	< .50	< .50	.80	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .50	< .40	< .30	.50	.80	< .80	< .80	< .70	< .60
NICKEL UG/L	6.0	6.0	4.0	2.0	< 4.0	4.0	< 2.0	< 4.0	< 3.0
NITRATE AS N MG/L	.70	.62	.71	.35	.55	.70	.70	.70	.51
NITRITE AS N MG/L	.02	.01	.01	0	0	--	--	--	0
NITROGEN NH4 AS N MG/L	--	--	--	.03	.08	--	--	--	--
NITROGEN NH4+URO+N MG/L	.54	.36	.98	--	.54	.31	0	.15	.11
PH UNITS	7.9	7.8	7.9	7.5	7.8	7.6	7.3	7.1	6.6
PHENOLS UG/L	--	--	--	0	0	3.0	0	16	--
PHOSPHORUS AS P MG/L	.09	.09	.09	.04	0	.01	.01	0	0
POTASSIUM MG/L	1.3	.90	1.1	1.2	1.7	1.6	1.5	1.7	1.2
RUBIDIUM UG/L	--	--	--	< 1.0	1.0	--	--	--	--
SELENIUM UG/L	0	0	1	0	4	3	1	0	3
SILICA MG/L	4.3	4.1	3.8	4.4	< .40	3.8	5.9	4.4	3.6
SILVER UG/L	< .10	< .10	< .20	< .20	< .40	< .40	< .80	< .70	< .30
SODIUM MG/L	7.5	4.3	6.2	14	20	19	20	13	13
SPECIFIC COND UMHOS	216	182	192	270	334	306	330	279	298
STRONTIUM UG/L	170	200	140	210	280	440	190	230	130
SULFATE MG/L	18	13	17	36	42	40	49	35	32
TIN UG/L	< 1.0	< 1.0	< .80	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 3.0
TITANIUM UG/L	> 100	95	100	< 2.0	< 4.0	< 2.0	2.0	< 4.0	< 2.0
VANADIUM UG/L	5.0	3.0	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
ZINC UG/L	20	10	10	< 200	< 180	< 190	< 380	< 180	150
ZIRCONIUM UG/L	10	3.0	4.0	ND	< 2.0	< 9.0	< 9.0	< 9.0	< 3.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ALBANY COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND #As SOURCE OF WATER SAMPLED
	A	424724073470101	LATHAM WD-MOHAWK RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	06/04/74	06/21/74	07/02/74	07/19/74	07/31/74	08/12/74	08/27/74	09/12/74	09/23/74
ALUMINUM UG/L	65	73	73	480	570	180	110	120	130
ARSENIC UG/L	0	< 1	2	1	1	< 1	1	0	< 1
BARIUM UG/L	28	31	39	30	32	38	40	36	32
BERYLLIUM UG/L	< 1.0	< 2.0	< 2.0	< .40	< 1.0	< 1.0	< .50	< .30	< .50
BICARBONATE MG/L	86	89	93	107	105	105	105	102	86
BISMUTH UG/L	< 4.0	< 3.0	< 4.0	< 2.0	< 3.0	< 4.0	< 2.0	< .90	< 2.0
BORON UG/L	20	30	25	12	21	12	20	24	16
CADMIUM UG/L	0	0	0	0	0	0	0	1	1
CALCIUM MG/L	34	37	36	38	37	40	40	34	32
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	18	24	22	22	25	23	28	22	21
CHROMIUM UG/L	2	< 2	< 2	7	< 2	< 2	1	< 2	< 2
COBALT UG/L	< 4.0	< 3.0	< 4.0	< 1.0	< 2.0	< 3.0	< 2.0	< .90	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	40	38	42	66	30	22	34	33	38
CYANIDE MG/L	.01	0	0	0	0	0	0	.01	.01
DISS SOLIDS SUM MG/L	152	168	172	183	186	189	198	183	158
FLUORIDE MG/L	.30	.30	.20	.20	.10	.20	.20	.30	.20
GALLIUM UG/L	< .80	< 2.0	< 2.0	< .80	< 2.0	< 2.0	< .40	< .50	< .50
GERMANIUM UG/L	< 4.0	< 4.0	< 5.0	< 2.0	< 4.0	< 4.0	< 2.0	< 2.0	< 2.0
HARDNESS TOTAL MG/L	108	119	118	128	124	129	133	124	105
HARDNESS NONCARB MG/L	37	44	42	33	38	43	47	40	34
IRON UG/L	0.0	10	11	630	22	20	10	14	20
LEAD UG/L	< 2.0	< 4.0	< 4.0	7.0	< 3.0	< 4.0	< 2.0	< 2.0	< 2.0
LITHIUM UG/L	1.0	2.0	3.0	1.0	2.0	2.0	3.0	2.0	2.0
MAGNESIUM MG/L	5.6	6.5	6.8	6.2	7.8	7.0	8.0	7.0	6.1
MANGANESE UG/L	300	2.0	< 3.0	100	< 3.0	< 3.0	2.0	6.0	2.0
MBAS MG/L	.05	.04	.04	.05	.08	.05	.05	.05	.06
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 2.0	< 1.0	2.0	< 2.0	< 1.0	< 1.0	.80	.40
NICKEL UG/L	< 4.0	< 3.0	< 3.0	2.0	< 4.0	< 2.0	< 2.0	< .90	< 2.0
NITRATE AS N MG/L	.49	.53	.63	.52	.52	.44	.54	.52	.61
NITRITE AS N MG/L	0	0	0	0	.01	0	0	0	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.19	.20	.20	.18	.19	.18	.18	.12	.18
PH UNITS	7.4	7.8	7.8	7.7	7.7	8.2	7.8	7.8	7.6
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	0	.01	.01	.02	.01	.01	0	.01	0
POTASSIUM MG/L	1.1	1.1	1.6	1.9	1.8	2.4	2.2	1.8	2.0
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	3	1	3	< 1	1	0	2	3	< 3
SILICA MG/L	1.4	.50	.10	1.5	.40	.40	.10	4.0	4.1
SILVER UG/L	< .40	< .40	< .50	< .20	< .50	< .40	< .20	< .20	< .20
SODIUM MG/L	13	17	16	18	20	20	22	17	16
SPECIFIC COND UMHOS	270	270	270	310	290	330	340	330	290
STRONTIUM UG/L	220	290	400	75	330	310	380	340	280
SULFATE MG/L	36	37	43	42	40	44	45	42	34
TIN UG/L	< 4.0	< 4.0	< 5.0	< 2.0	< 4.0	< 3.0	< 2.0	< 2.0	< 2.0
TITANIUM UG/L	< 4.0	< 4.0	< 4.0	20	< 3.0	< 3.0	10	< 2.0	30
VANADIUM UG/L	< 2.0	< 2.0	< 2.0	1.0	< 2.0	< 2.0	1.0	3.0	1.0
ZINC UG/L	70	50	0	80	0	30	0	110	10
ZIRCONIUM UG/L	< 5.0	< 6.0	< 6.0	< 2.0	< 5.0	< 5.0	< 2.0	< 2.0	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ALBANY COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	424724073470101	LATHAM WS-MOHAWK RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	10/04/74	10/24/74	11/05/74	11/21/74	12/06/74	12/19/74	12/31/74	01/14/75	01/31/75
ALUMINUM UG/L	180	36	220	150	280	110	150	60	74
ARSENIC UG/L	0	0	0	0	0	0	0	0	0
BARIUM UG/L	31	27	27	30	30	34	33	32	30
BERYLLIUM UG/L	< .30	< .30	< .30	< .30	< .40	< .30	< .98	< 1.0	< .30
BICARBONATE MG/L	99	91	97	87	122	122	123	113	112
BISMUTH UG/L	< 2.0	< .20	< 2.0	< 2.0	< 2.0	< 2.0	< 5.0	< 4.0	< 1.0
BORON UG/L	17	25	32	18	20	26	23	16	15
CADMIUM UG/L	0	0	0	0	0	1	0	0	0
CALCIUM MG/L	36	36	36	35	39	41	42	40	37
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	20	20	23	18	19	20	18	19	23
CHROMIUM UG/L	< 2	5	2	2	< 2	< 2	< 5	< 2	< 2
COBALT UG/L	< .70	< .80	< 2.0	< 1.0	< 2.0	< 2.0	< 5.0	< 4.0	< .70
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	20	23	11	15	7.0	10	9.0	9.0	10
CYANIDE MG/L	0	0	.01	.01	0	.01	.01	0	0
DISS SOLIDS SUM MG/L	170	168	175	168	202	201	199	188	197
FLUORIDE MG/L	.20	.20	.20	.10	.20	.20	.10	.20	.10
GALLIUM UG/L	< .70	< .30	< .60	< .40	< .70	< .70	< 2.0	< 2.0	< .30
GERMANIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 5.0	< 4.0	< 2.0
HARDNESS TOTAL MG/L	110	117	115	112	132	139	141	135	127
HARDNESS NONCARB MG/L	37	42	35	41	32	39	40	42	36
IRON UG/L	20	5.0	30	72	20	20	29	30	13
LEAD UG/L	< 2.0	< 2.0	< 2.0	2.0	< 2.0	< 2.0	< 4.0	< 4.0	< 2.0
LITHIUM UG/L	2.0	2.0	2.0	1.0	2.0	3.0	10	2.0	3.0
MAGNESIUM MG/L	6.9	6.5	6.0	6.0	8.5	8.8	8.8	8.5	8.5
MANGANESE UG/L	3.0	1.0	4.0	2.0	4.0	3.0	6.0	< 3.0	4.0
MBAS MG/L	.05	.06	.07	.08	.10	.10	.10	.10	0
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .30	.30	.60	.40	< .70	< .60	< 2.0	< 2.0	< .30
NICKEL UG/L	< .70	1.0	2.0	7.0	< 2.0	< 2.0	< 2.0	< 4.0	1.0
NITRATE AS N MG/L	.46	.58	.53	.47	.58	.56	.53	.50	.64
NITRITE AS N MG/L	0	0	0	0	0	0	0	0	.02
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.15	.13	.11	.14	.13	.09	.08	.07	.46
PH UNITS	7.7	7.7	8.0	7.6	8.1	7.9	7.9	6.8	7.8
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.01	0	.01	0	.01	0	0	0	.09
POTASSIUM MG/L	1.2	1.5	1.6	2.1	1.6	1.3	1.2	1.3	1.1
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	<	< 2	0	0	0	0	0	0	0
SILICA MG/L	4.8	3.0	4.2	4.6	5.5	5.8	5.9	5.8	5.7
SILVER UG/L	< .20	< .20	< .10	< .20	< .20	< .20	< .50	< .40	< .20
SODIUM MG/L	16	15	17	16	19	17	17	16	20
SPECIFIC COND UMHOS	320	275	305	280	375	370	380	330	380
STRONTIUM UG/L	280	280	270	220	240	190	220	170	230
SULFATE MG/L	37	40	39	43	49	46	45	41	44
TIN UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 5.0	< 4.0	< 2.0
TITANIUM UG/L	16	< .80	2.0	4.0	2.0	1.0	< 2.0	< 4.0	1.0
VANADIUM UG/L	1.0	< .80	< 2.0	.90	2.0	2.0	< 2.0	< 4.0	1.0
ZINC UG/L	0	10	30	20	10	10	30	10	10
ZIRCONIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 3.0	< 3.0	< 7.0	< 5.0	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ALBANY COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	424724073470101	LATHAM WS--MOHAWK RIVER
B	424057073503000	MCKOWNVILLE WD--MCKOWNVILLE RESERVOIR
C	424057073503001	MCKOWNVILLE WD--MCKOWNVILLE RESERVOIR

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	B	C
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	RAW	TREATED
DATE.....	02/14/75	02/28/75	03/14/75	03/28/75	04/07/75	04/22/75	05/05/75	12/08/71	12/08/71
ALUMINUM UG/L	210	34	380	60	63	110	120	130	470
ARSENIC UG/L	1	--	1	0	0	0	0	2	1
BARIUM UG/L	32	30	27	22	21	20	21	44	33
BERYLLIUM UG/L	< .30	< .30	< .30	< .30	< .40	< .40	< .20	< 2.0	< 3.0
BICARBONATE MG/L	114	99	87	74	62	72	55	195	170
BISMUTH UG/L	< 1.0	< .80	< 1.0	< 1.0	< 1.0	< 1.0	< .80	< 10	< 10
BORON UG/L	26	15	20	10	13	16	18	32	31
CADMIUM UG/L	1	--	0	0	0	0	0	0	0
CALCIUM MG/L	34	34	31	30	27	31	24	64	66
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	21	18	20	19	19	17	17	140	140
CHROMIUM UG/L	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 10	< 10
COBALT UG/L	< .70	< 1.0	< 1.0	< 1.0	< .70	< .70	< .40	< 5.0	< 5.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	11	10	7.0	7.0	10	8.0	8.0	2.0	< 3.0
CYANIDE MG/L	.02	.01	0	0	0	0	.01	0	0
DISS SOLIDS SUM MG/L	180	167	162	145	146	138	124	434	471
FLUORIDE MG/L	.20	.10	.10	.20	.10	.10	.20	.10	.20
GALLIUM UG/L	< .30	< .30	< .50	< .50	< .50	< .40	< .40	< 5.0	< 5.0
GERMANIUM UG/L	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 20	< 22
HARDNESS TOTAL MG/L	132	114	102	93	87	97	76	285	210
HARDNESS NONCARB MG/L	39	33	30	32	36	38	30	70	71
IRON UG/L	45	5.0	50	20	20	50	30	1300	97
LEAD UG/L	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< .80	5.0	< 5.0
LITHIUM UG/L	3.0	3.0	2.0	1.0	1.0	1.0	2.0	< 10	< 10
MAGNESIUM MG/L	8.5	7.0	5.0	4.3	4.7	4.7	3.8	11	11
MANGANESE UG/L	8.0	1.0	5.0	1.0	2.0	2.0	5.0	680	410
MBAS MG/L	.10	0	.10	.10	0	0	0	.12	.09
MERCURY UG/L	< .50	--	< .50	1.1	< .50	< .50	< .40	< .50	< .50
MOLYBDENUM UG/L	< .30	< .40	.30	< .50	< .50	< .40	.40	< 5.0	< 5.0
NICKEL UG/L	< 1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	< .60	< 5.0	< 5.0
NITRATE AS N MG/L	.67	.55	.66	.73	.71	.69	.78	1.0	.90
NITRITE AS N MG/L	0	0	0	.01	0	0	0	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.05	.04	.13	0	.13	0	.60	.52	.15
PH UNITS	7.4	7.5	7.9	7.5	7.4	7.6	7.7	7.4	7.6
PHENOLS UG/L	--	--	--	--	--	--	--	1.0	0
PHOSPHORUS AS P MG/L	.07	--	.02	0	0	0	0	.03	.01
POTASSIUM MG/L	1.5	1.0	1.2	1.2	1.3	1.0	1.0	2.6	2.7
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	1	1	0	0	0	0	1	2
SILICA MG/L	9.8	9.0	6.7	6.4	9.0	8.0	3.7	8.2	7.7
SILVER UG/L	< .20	< .10	< .20	< .10	< .10	< .10	< .20	< 2.0	< 3.0
SODIUM MG/L	14	14	16	13	15	12	14	84	96
SPECIFIC COND UMHOS	340	300	295	265	250	259	231	780	856
STRONTIUM UG/L	280	210	280	220	170	240	170	280	230
SULFATE MG/L	41	38	39	36	39	32	32	42	43
TIN UG/L	< 2.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< .80	< 10	< 10
TITANIUM UG/L	< 1.0	< .80	3.0	< 1.0	1.0	1.0	1.0	7.0	< 5.0
VANADIUM UG/L	< 1.0	2.0	1.0	< 1.0	1.0	< 1.0	.80	< 5.0	< 5.0
ZINC UG/L	0	10	10	0	10	10	10	< 430	< 440
ZIRCONIUM UG/L	< 3.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 20	< 22

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ALBANY COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	422809073491400	RAVENA(V)-HANNACROIS CREEK
B	422809073491401	RAVENA(V)-HANNACROIS CREEK

SYSTEM(S) ON THIS PAGE...	A	A	A	A	A	B	B	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	TREATED	TREATED	TREATED	TREATED
DATE.....	12/06/71	06/20/74	10/08/74	12/31/74	03/20/75	12/08/71	06/20/74	10/08/74	12/31/74
ALUMINUM UG/L	130	52	50	90	160	73	51	60	100
ARSENIC UG/L	1	1	< 1	0	0	2	1	0	0
BARIUM UG/L	21	19	24	19	18	21	23	21	19
BERYLLIUM UG/L	< .40	< 2.0	< .40	< 1.0	< .30	< .40	< 2.0	< .40	< 1.0
BICARBONATE MG/L	140	127	178	128	121	130	148	145	102
BISMUTH UG/L	< 5.0	< 4.0	< 2.0	< 4.0	< 1.0	< 5.0	< 4.0	< 2.0	< 4.0
BORON UG/L	10	6.0	10	11	11	17	5.0	8.0	12
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	53	34	63	44	44	52	55	62	47
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	12	14	17	13	16	14	13	20	15
CHROMIUM UG/L	< 5	< 2	< 2	< 4	< 2	< 5	< 2	< 2	< 4
COBALT UG/L	< 2.0	< 4.0	< 2.0	< 3.0	< 1.0	< 2.0	< 4.0	< 2.0	< 3.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	5.0	13	5.0	4.0	2300	2.0	3.0	3.0	2.0
CYANIDE MG/L	0	0	.01	.01	.01	0	0	.01	.01
DISS SOLIDS SUM MG/L	184	186	217	166	164	186	181	217	175
FLUORIDE MG/L	.10	.20	.10	.20	.20	.80	.20	.40	.20
GALLIUM UG/L	< 2.0	< 1.0	< .60	< 2.0	< .50	< 2.0	< 1.0	< .60	< 2.0
GERMANIUM UG/L	< 4.0	< 4.0	< 2.0	< 4.0	< 1.0	< 9.0	< 4.0	< 2.0	< 4.0
HARDNESS TOTAL MG/L	152	97	177	128	124	150	156	173	135
HARDNESS NONCARB MG/L	37	0	31	23	25	43	34	54	52
IRON UG/L	110	120	120	120	350	12	7.0	5.0	60
LEAD UG/L	< 2.0	< 2.0	< 2.0	< 4.0	20	< 2.0	< 2.0	< 2.0	< 4.0
LITHIUM UG/L	< 10	1.0	< 1.0	1.0	1.0	< 10	1.0	< 1.0	2.0
MAGNESIUM MG/L	4.8	3.0	4.8	4.3	3.5	4.8	4.5	4.4	4.4
MANGANESE UG/L	10	38	13	12	30	3.0	16	2.0	4.0
MBAS MG/L	.03	.02	.03	0	0	.04	.02	.04	0
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 2.0	< .40	< 2.0	< .30	< 2.0	< 2.0	< .70	< 2.0
NICKEL UG/L	< 2.0	< 4.0	< 2.0	< 4.0	1.0	< 2.0	< 4.0	< 2.0	< 4.0
NITRATE AS N MG/L	.48	.32	.15	.52	.58	.48	.33	.15	.53
NITRITE AS N MG/L	--	.01	0	.01	0	--	0	0	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.08	.27	.30	.15	.04	.34	.10	.12	.10
PH UNITS	7.0	7.6	8.2	8.1	7.9	7.3	8.2	7.5	7.1
PHENOLS UG/L	0	--	--	--	--	0	--	--	--
PHOSPHORUS AS P MG/L	.01	.01	.02	.01	.01	.08	0	0	0
POTASSIUM MG/L	1.4	.70	2.0	.80	1.1	1.5	1.0	2.0	.80
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	2	0	0	7	1	< 2	0
SILICA MG/L	4.6	3.6	4.8	5.1	3.9	4.6	3.7	4.6	4.8
SILVER UG/L	< .40	< .40	< .20	< .40	< .20	< .40	< .40	< .20	< .40
SODIUM MG/L	7.2	10	10	8.5	8.7	8.4	7.4	11	8.5
SPECIFIC COND UMHOS	310	300	380	320	242	320	350	450	320
STRONTIUM UG/L	130	78	100	120	43	130	100	110	120
SULFATE MG/L	31	38	28	27	27	36	23	41	44
TIN UG/L	< 5.0	< 4.0	< 2.0	< 4.0	< 2.0	< 5.0	< 4.0	< 2.0	< 4.0
TITANIUM UG/L	3.0	< 4.0	4.0	3.0	5.0	< 2.0	< 4.0	< 1.0	3.0
VANADIUM UG/L	< 2.0	< 2.0	< .80	< 2.0	< 1.0	< 2.0	< 2.0	< .70	< 2.0
ZINC UG/L	< 200	60	20	20	20	< 200	40	40	40
ZIRCONIUM UG/L	< 4.0	< 6.0	< 3.0	< 6.0	< 2.0	< 9.0	< 6.0	< 3.0	< 6.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ALBANY COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	422809073491401	RAVENA(V)-HANNACROIS CREEK
B	423059074082900	RENSSELAERVILLE(U)-RENSSELAERVILLE RESERVOIR
C	423057074081900	RENSSELAERVILLE(U)-RENSSELAERVILLE RESERVOIR

SYSTEM(S) ON THIS PAGE..	A	B	B	B	B	C	C	C	C
TYPE OF WATER SAMPLED...	TREATED	RAW	RAW	RAW	RAW	TREATED	TREATED	TREATED	TREATED
DATE.....	03/20/75	06/21/74	10/08/74	12/23/74	03/20/75	06/21/74	10/08/74	12/23/74	03/20/75
ALUMINUM UG/L	880	70	28	300	480	77	18	260	38
ARSENIC UG/L	0	1	< 1	0	1	2	0	0	0
BARIUM UG/L	15	16	18	20	22	8.0	11	15	11
BERYLLIUM UG/L	< .30	< .30	< .10	< .30	< .10	< .50	< .20	< .40	< .10
BICARBONATE MG/L	95	19	28	19	24	38	51	24	32
BISMUTH UG/L	< 1.0	< 1.0	< .40	< 1.0	< .30	< 2.0	< .60	< 2.0	< .40
BORON UG/L	9.0	4.0	7.0	7.0	6.0	3.0	6.0	2.0	6.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	45	8.3	11	7.5	8.7	19	14	8.5	12
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	16	3.4	2.7	2.0	5.8	8.7	5.9	9.9	8.4
CHROMIUM UG/L	< 2	< 1	< 1	< 1	< 1	< 1	1	< 2	< 1
COBALT UG/L	< 1.0	< 1.0	< .40	< 1.0	< .30	< 2.0	< .60	< 2.0	< .40
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	2.0	3.0	2.0	1.0	1.0	40	20	24	13
CYANIDE MG/L	0	0	.01	.01	.01	0	.01	.01	.01
DISS SOLIDS SUM MG/L	172	35	44	33	42	65	63	52	55
FLUORIDE MG/L	.70	.10	.10	.10	.20	.20	.20	.20	.20
GALLIUM UG/L	< .50	< .30	< .10	< .50	< 2.0	< .40	< .20	< .60	< .20
GERMANIUM UG/L	< 1.0	< 1.0	< .40	< 1.0	< .40	< 2.0	< .60	< 2.0	< .40
HARDNESS TOTAL MG/L	127	26	34	24	26	54	39	27	34
HARDNESS NONCARB MG/L	49	10	11	8	7	23	8	7	8
IRON UG/L	80	150	100	300	660	80	12	230	70
LEAD UG/L	< .60	< .50	.40	< 1.0	.80	< .70	.60	< 2.0	.30
LITHIUM UG/L	2.0	.50	< .20	.50	.60	.70	< .60	.60	< .10
MAGNESIUM MG/L	3.5	1.3	1.6	1.2	1.1	1.7	1.0	1.4	1.1
MANGANESE UG/L	6.0	51	24	33	160	7.0	1.0	18	1.0
MBAS MG/L	0	.02	.03	0	0	.03	.03	.10	0
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	3.0	< .50	--	< .50
MOLYBDENUM UG/L	< .30	< .50	< .20	< .50	< .10	< .70	< .30	< .40	< .10
NICKEL UG/L	.60	< 1.0	.40	1.0	1.0	< 2.0	< .60	< 2.0	.30
NITRATE AS N MG/L	.50	.06	.06	.14	.23	.11	.20	.22	.28
NITRITE AS N MG/L	.01	.01	0	0	0	0	0	0	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.17	.21	.33	.30	.23	.09	.13	.14	.04
PH UNITS	7.1	7.2	7.5	7.2	7.0	7.5	8.3	7.5	8.3
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.01	.02	.02	.02	.03	.01	.01	.02	.01
POTASSIUM MG/L	1.1	.50	1.2	.40	.80	.30	.70	.90	.70
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	1	< 2	0	0	1	< 2	0	0
SILICA MG/L	3.7	.90	3.3	3.4	3.4	1.2	3.3	3.4	3.2
SILVER UG/L	< .20	< .10	< .04	< .10	< .05	< .20	< .06	< .20	< .05
SODIUM MG/L	7.9	2.1	2.0	1.5	2.7	6.1	4.8	9.0	4.9
SPECIFIC COND UMHOS	270	49	73	62	75	120	116	110	90
STRONTIUM UG/L	88	28	28	29	21	35	41	29	30
SULFATE MG/L	47	9.3	7.8	7.0	7.7	9.2	7.8	6.4	8.3
TIN UG/L	< 2.0	< 1.0	< .40	< 1.0	< .40	< 2.0	< .60	< 2.0	< .40
TITANIUM UG/L	3.0	2.0	1.0	4.0	20	2.0	< .40	6.0	.80
VANADIUM UG/L	< 1.0	.50	< .20	< 1.0	.50	< .70	< .30	< 2.0	.40
ZINC UG/L	40	20	0	0	0	30	10	10	0
ZIRCONIUM UG/L	< 2.0	< 2.0	< .60	< 2.0	< .60	< 2.0	< 1.0	< 3.0	< .60

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ALBANY COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	423057074082000	RENSSELAERVILLE(U)-RENSSELAERVILLE RESERVOIR
B	423311073510200	SOUTH ALBANY WATER COMPANY-WELL
C	423906073554200	VOORHEESVILLE(V)-WELLS&SPRINGS
D	424339073435600	WATERVLIET(C)-RESERVOIR&NORMANS KILL
E	424339073435601	WATERVLIET(C)-RESERVOIR&NORMANS KILL
F	424130073521300	WESTMERE #2-WELLS

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	RAW	TREATED	DISTRBN
DATE.....	05/07/72	01/11/73	12/03/71	08/12/71	08/12/71	12/08/71
ALUMINUM UG/L	40	< 10	120	22	120	13
ARSENIC UG/L	1	0	0	0	2	2
BARIUM UG/L	12	160	34	25	23	55
BERYLLIUM UG/L	< .60	< 4.0	< 2.0	< 2.0	< 2.0	< .70
BICARBONATE MG/L	37	344	246	149	138	137
BISMUTH UG/L	< 2.0	< 11	< 7.0	< 3.0	< 3.0	< 4.0
BORON UG/L	6.0	180	110	16	15	68
CADMIUM UG/L	0	0	3	0	0	0
CALCIUM MG/L	13	55	97	53	53	12
CARBONATE MG/L	0	0	0	0	0	0
CHLORIDE MG/L	8.5	45	75	33	34	7.6
CHROMIUM UG/L	< 2	< 11	< 7	6	< 3	< 4
COBALT UG/L	< 2.0	< 11	< 9.0	< .50	< .50	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--
COPPER UG/L	60	4.0	2.0	16	7.0	85
CYANIDE MG/L	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	59	526	431	235	236	148
FLUORIDE MG/L	.10	.50	.20	.10	.10	1.1
GALLIUM UG/L	< .60	< 5.0	< 2.0	< 2.0	< 2.0	< 2.0
GERMANIUM UG/L	< 2.0	< 11	< 9.0	< 5.0	< 5.0	< 7.0
HARDNESS TOTAL MG/L	37	261	320	174	174	34
HARDNESS NONCARB MG/L	7	0	119	51	60	0
IRON UG/L	60	500	48	32	20	17
LEAD UG/L	< 2.0	< 11	< 5.0	< 5.0	< 5.0	< 2.0
LITHIUM UG/L	< 10	120	10	< 10	< 10	< 10
MAGNESIUM MG/L	1.2	30	19	10	10	1.0
MANGANESE UG/L	14	26	13	42	13	19
MBAS MG/L	.04	.02	.05	.03	.05	.01
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .60	< 5.0	< 2.0	< 3.0	< 3.0	24
NICKEL UG/L	< 2.0	< 11	< 7.0	< 5.0	7.0	< 2.0
NITRATE AS N MG/L	.08	0	3.1	.10	.10	0
NITRITE AS N MG/L	--	--	--	.01	0	--
NITROGEN NH4 AS N MG/L	--	--	--	.35	.08	--
NITROGEN NH4+ORG-N MG/L	.56	0	.04	.46	.29	.17
PH UNITS	7.9	8.2	7.7	7.8	7.7	7.9
PHENOLS UG/L	--	--	4.0	1.0	0	0
PHOSPHORUS AS P MG/L	.01	.63	.16	.01	0	.06
POTASSIUM MG/L	.60	3.0	1.8	1.9	1.8	.50
RUBIDIUM UG/L	--	--	--	--	--	--
SELENIUM UG/L	1	1	0	7	4	6
SILICA MG/L	2.7	13	8.3	2.7	2.6	7.6
SILVER UG/L	< .10	< 2.0	< .70	< 5.0	< 5.0	< .70
SODIUM MG/L	6.0	100	36	19	19	48
SPECIFIC COND UMHOS	111	831	753	419	423	232
STRONTIUM UG/L	34	2900	270	220	320	160
SULFATE MG/L	8.4	110	69	42	47	2.5
TIN UG/L	< 2.0	< 11	< 9.0	< 5.0	< 5.0	< 4.0
TITANIUM UG/L	2.0	< 11	< 5.0	< 5.0	< 5.0	< 2.0
VANADIUM UG/L	< 1.0	< 11	< 5.0	< 3.0	< 3.0	< 2.0
ZINC UG/L	< 65	< 740	< 420	< 500	< 510	< 160
ZIRCONIUM UG/L	< 3.0	< 23	< 20	< 5.0	< 5.0	< 7.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ALLEGANY COUNTY

COLUMN ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	421508077471500	ALFRED(V)-WELL
B	421900077443900	ALMOND(V)-WELL
C	420927077474600	ANDOVER(V)-WELL
D	421823078010600	ANGELICA(V)-SPRINGS
E	422031078063101	BELFAST #0-WELL
F	422031078063100	BELFAST #0-WELL
G	421402078021301	BELMONT(V)-WELL
H	421402078021300	BELMONT(V)-WELL
I	420353078100500	BOLIVAR(V)-WELL

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	DISTRBN	RAW	TREATED	RAW	TREATED	DISTRBN
DATE.....	12/14/71	08/08/72	12/14/71	08/08/72	12/13/71	12/13/71	12/13/71	12/13/71	12/13/71
ALUMINUM UG/L	24	60	8.0	8.0	190	130	17	24	8.0
ARSENIC UG/L	1	0	1	0	140	90	76	84	0
BARIUM UG/L	34	110	93	50	700	110	680	200	45
BERYLLIUM UG/L	< .70	< 4.0	< .90	< 2.0	< 3.0	< 3.0	< 2.0	< 2.0	< 2.0
BICARBONATE MG/L	261	232	157	76	353	346	368	358	138
BISMUTH UG/L	< 4.0	< 7.0	< 5.0	< 3.0	< 11	< 11	< 10	< 9.0	< 7.0
BORON UG/L	16	7.0	92	7.0	74	62	57	58	24
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	74	78	28	29	48	12	65	61	18
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	21	17	12	12	110	120	44	42	88
CHROMIUM UG/L	< 2	< 7	< 2	< 3	< 11	< 11	< 5	< 5	< 3
COBALT UG/L	< 4.0	< 4.0	< 5.0	< 2.0	< 11	< 11	< 10	< 9.0	< 7.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	1.0	260	46	210	< 3.0	25	2.0	2.0	4.0
CYANIDE MG/L	0	0	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	300	300	193	114	485	506	392	379	272
FLUORIDE MG/L	.10	.10	.30	.10	.40	.40	.10	.10	.50
GALLIUM UG/L	< .70	< 4.0	< .90	< 2.0	< 3.0	< 3.0	< 2.0	< 2.0	< 2.0
GERMANIUM UG/L	< 4.0	< 7.0	< 5.0	< 3.0	< 23	< 24	< 10	< 9.0	< 7.0
HARDNESS TOTAL MG/L	267	277	76	88	198	49	220	210	63
HARDNESS NONCARB MG/L	48	87	0	25	0	0	0	0	0
IRON UG/L	5.0	25	51	90	3500	32	1700	53	35
LEAD UG/L	< 4.0	< 5.0	< 5.0	< 2.0	< 11	< 11	< 10	< 9.0	< 7.0
LITHIUM UG/L	10	10	30	< 10	< 10	< 10	10	10	10
MAGNESIUM MG/L	20	20	6.4	3.7	19	4.7	14	14	4.4
MANGANESE UG/L	< 4.0	38	7.0	5.0	130	13	140	< 9.0	200
MBAS MG/L	.05	.02	.02	.01	.04	.04	.05	.05	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	7.0	< 2.0	< 2.0	12	12	< 5.0	< 5.0	< 3.0
NICKEL UG/L	< 4.0	< 7.0	< 5.0	< 3.0	< 11	< 11	< 10	< 9.0	< 7.0
NITRATE AS N MG/L	1.4	2.4	.30	.50	.05	.20	.01	.50	.40
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	2.9	.78	.62	--	--
NITROGEN NH4+ORG-N MG/L	.14	.00	.04	.14	3.0	.21	.39	.05	.04
PH UNITS	7.7	7.7	7.7	7.5	7.8	7.9	7.9	8.0	7.4
PHENOLS UG/L	0	--	2.0	--	1.0	2.0	6.0	--	2.0
PHOSPHORUS AS P MG/L	.00	0	.03	.00	1.5	.16	.60	.21	1.3
POTASSIUM MG/L	1.7	1.0	2.0	1.9	3.1	1.9	1.6	1.1	.90
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	2	0	1	2	1	1	0
SILICA MG/L	7.7	8.1	8.0	5.9	4.9	4.9	7.8	7.9	7.6
SILVER UG/L	< .70	< .70	< .90	< .30	< 3.0	< 3.0	< 2.0	< 2.0	< 2.0
SODIUM MG/L	11	6.6	44	6.2	120	190	76	74	86
SPECIFIC COND UMHOS	516	511	327	209	854	887	680	673	524
STRONTIUM UG/L	45	76	200	37	410	130	320	140	88
SULFATE MG/L	32	53	23	19	2.0	.40	1.5	1.0	1.0
TIN UG/L	< 4.0	< 5.0	< 5.0	< 2.0	< 11	< 11	< 10	< 9.0	< 7.0
TITANIUM UG/L	< 4.0	< 5.0	< 5.0	< 2.0	< 5.0	< 6.6	< 10	< 9.0	< 7.0
VANADIUM UG/L	< 2.0	< 4.0	< 2.0	< 2.0	< 5.0	< 6.0	< 5.0	< 5.0	< 3.0
ZINC UG/L	< 340	< 460	< 430	< 170	< 1100	< 1200	< 420	< 490	< 620
ZIRCONIUM UG/L	< 8.0	< 7.0	< 10	< 3.0	< 23	< 24	< 20	< 20	< 14

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ALLEGANY COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE -- NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	422741077464400	CANASERAGA(V)-WELL AND SPRINGS
B	421314078165802	CUBA(V)-WELLS&SPRINGS
C	421314078165800	CUBA(V)-WELLS&SPRINGS
D	422747078065101	FILLMORE(V)-SPRINGS&WELLS
E	422747078065100	FILLMORE(V)-SPRINGS&WELLS
F	421235078075000	FRIENDSHIP(V)-WELL
G	422515078093400	HOUGHTON WD-WELL
H	421016077584000	SCIO WD-WELL
I	420705077365100	WELLSVILLE(V)-GENESEE RIVER

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	DISTRBN	RAW	TREATED	RAW	TREATED	DISTRBN	DISTRBN	DISTRBN	RAW
DATE.....	10/03/72	12/13/71	12/13/71	12/13/71	12/13/71	11/13/73	11/13/73	11/13/73	11/17/70
ALUMINUM UG/L	60	3.0	6.3	13	6.0	30	3.0	4.0	29
ARSENIC UG/L	1	1	1	1	0	7	20	< 1	0
BARIUM UG/L	57	52	90	250	82	220	400	160	54
BERYLLIUM UG/L	< 2.0	< .70	< .70	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	< .20
BICARBONATE MG/L	186	116	120	312	317	162	236	156	18
BISMUTH UG/L	< 5.0	< 4.0	< 4.0	< 8.0	< 8.0	< 5.0	< 6.0	< 2.0	< .60
BORON UG/L	8.0	23	20	120	110	30	50	11	11
CADMIUM UG/L	0	0	0	0	0	0	0	0	1
CALCIUM MG/L	55	35	36	43	18	32	39	54	11
CARBONATE MG/L	0	0	0	0	4	0	0	0	0
CHLORIDE MG/L	7.4	11	12	28	30	13	21	39	13
CHROMIUM UG/L	< 5	< 2	< 2	< 4	< 4	< 2	< 3	< 3	< 2
COBALT UG/L	< 5.0	< 4.0	< 4.0	< 8.0	< 8.0	< 2.0	< 3.0	< 3.0	< .60
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	31	46	44	98	12	55	32	14	2.0
CYANIDE MG/L	.01	0	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	227	142	145	325	350	181	236	218	63
FLUORIDE MG/L	.80	.10	.10	.20	.20	.30	.30	.20	.10
GALLIUM UG/L	< 3.0	< .70	< .70	< 2.0	< 2.0	< 2.0	< 3.0	< 3.0	ND
GERMANIUM UG/L	< 5.0	< 4.0	< 4.0	< 8.0	< 8.0	< 5.0	< 6.0	< 5.0	< .60
HARDNESS TOTAL MG/L	191	113	115	153	64	115	139	160	38
HARDNESS NONCARB MG/L	38	16	16	0	0	0	0	30	23
IRON UG/L	15	21	25	610	140	140	500	50	71
LEAD UG/L	< 4.0	< 4.0	< 4.0	24	< 8.0	< 4.0	< 5.0	8.0	.90
LITHIUM UG/L	1.0	< 10	< 10	10	< 10	10	10	10	2.0
MAGNESIUM MG/L	13	6.2	6.0	11	4.7	8.5	10	6.1	2.5
MANGANESE UG/L	5.0	39	25	39	8.0	40	35	< 3.0	29
MBAS MG/L	.04	.02	.03	.02	.04	.01	0	.01	.01
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 3.0	< 2.0	2.0	14	14	< 1.0	13	< 2.0	< .30
NICKEL UG/L	< 5.0	< 4.0	< 4.0	< 8.0	< 8.0	< 2.0	< 3.0	< 3.0	2.0
NITRATE AS N MG/L	.20	.80	.90	0	.04	.06	.06	.23	1.1
NITRITE AS N MG/L	--	--	--	--	--	.01	.01	.00	.01
NITROGEN NH4 AS N MG/L	--	--	--	.59	--	--	--	--	.08
NITROGEN NH4+ORG-N MG/L	.08	.08	.08	.49	.07	.07	.22	.01	--
PH UNITS	8.1	7.0	7.1	8.1	8.3	8.0	7.8	7.8	7.0
PHENOLS UG/L	--	3.0	0	8.0	1.0	--	--	--	0
PHOSPHORUS AS P MG/L	.01	.02	.02	.16	.19	.03	.18	.00	.06
POTASSIUM MG/L	.90	1.1	1.3	1.4	.70	1.5	2.0	1.7	1.2
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	.70
SELENIUM UG/L	0	0	0	4	1	0	9	0	17
SILICA MG/L	11	5.8	6.1	8.7	8.7	8.8	9.0	6.9	4.9
SILVER UG/L	< .50	< .70	< .70	< 2.0	< 2.0	< .50	< .50	< .50	< .06
SODIUM MG/L	7.6	9.3	8.8	71	120	20	35	18	4.8
SPECIFIC COND UMHOS	380	257	258	550	566	325	425	403	120
STRONTIUM UG/L	62	62	68	340	140	170	400	100	120
SULFATE MG/L	40	15	15	7.8	8.0	17	3.3	14	15
TIN UG/L	< 5.0	< 4.0	< 4.0	< 8.0	< 8.0	< 5.0	< 6.0	< 5.0	< 2.0
TITANIUM UG/L	< 4.0	< 4.0	< 4.0	< 8.0	< 8.0	< 2.0	< 3.0	< 3.0	1.0
VANADIUM UG/L	< 4.0	< 2.0	< 2.0	< 4.0	< 4.0	< 2.0	< 3.0	< 3.0	< 1.0
ZINC UG/L	< 340	< 330	< 330	< 730	< 760	50	110	740	< 65
ZIRCONIUM UG/L	< 11	< 7.0	< 7.0	< 16	< 17	< 5.0	< 6.0	< 5.0	ND

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ALLEGANY COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	420705077565100	WELLSVILLE(V)-GENESEE RIVER
B	420705077565101	WELLSVILLE(V)-GENESEE RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	B	B	B	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	07/12/71	10/18/71	01/17/72	04/10/72	11/17/70	07/12/71	10/18/71	01/17/72	04/10/72
ALUMINUM UG/L	180	200	200	140	50	76	63	180	32
ARSENIC UG/L	0	2	1	4	0	0	0	0	2
BARIUM UG/L	77	77	69	52	44	57	76	69	66
BERYLLIUM UG/L	< .50	< .40	< .40	< .60	< .20	< .50	< .40	< .40	< .70
BICARBONATE MG/L	51	58	25	22	30	66	61	34	29
BISMUTH UG/L	< 3.0	< 2.0	< 2.0	< 2.0	< .80	< 3.0	< 2.0	< 2.0	< 2.0
BORON UG/L	7.0	13	12	8.0	9.0	8.0	14	9.0	8.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	16	17	12	10	11	17	17	12	10
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	14	19	14	11	15	16	20	15	12
CHROMIUM UG/L	< 3	< 2	2	< 2	< 2	< 3	< 2	< 2	< 2
COBALT UG/L	< .90	< 2.0	< 2.0	< 2.0	< .80	< 1.0	< 2.0	< 2.0	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	6.0	1.0	2.0	.90	2.0	2.0	.90	.90	.70
CYANIDE MG/L	0	0	0	0	0	.02	0	0	0
DISS SOLIDS SUM MG/L	81	94	76	59	89	109	111	105	79
FLUORIDE MG/L	.10	.10	.10	.10	0	0	.30	.30	.20
GALLIUM UG/L	< 2.0	< .50	< .80	< .60	ND	< 2.0	< .60	< .90	< .70
GERMANIUM UG/L	< 3.0	< 3.0	< 4.0	< 2.0	< .80	< 4.0	< 3.0	< 4.0	< 3.0
HARDNESS TOTAL MG/L	58	62	46	36	38	61	60	51	37
HARDNESS NONCARB MG/L	16	14	25	16	14	6	10	23	13
IRON UG/L	440	550	320	150	17	31	12	55	16
LEAD UG/L	1.0	2.0	7.0	< 2.0	.70	< 2.0	< 2.0	< 2.0	< 3.0
LITHIUM UG/L	3.0	< 10	< 10	< 10	2.0	3.0	< 10	< 10	< 10
MAGNESIUM MG/L	4.4	4.7	3.8	2.8	2.6	4.4	4.3	5.1	2.9
MANGANESE UG/L	130	170	63	44	19	43	34	39	20
MBAS MG/L	.01	.03	.03	.02	.01	.01	.01	.03	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .50	< .50	< .80	< .60	< .40	< .50	< .60	< .90	< .70
NICKEL UG/L	1.0	2.0	2.0	< 2.0	2.0	< 1.0	< 2.0	< 2.0	< 2.0
NITRATE AS N MG/L	.20	.10	1.4	.60	1.1	.20	.10	1.3	.60
NITRITE AS N MG/L	.01	--	--	--	0	0	--	--	--
NITROGEN NH4 AS N MG/L	.06	--	--	--	0	.03	--	--	--
NITROGEN NH4+ORG-N MG/L	.29	.13	.26	.22	--	.16	.18	.21	.16
PH UNITS	7.4	7.4	7.1	6.6	7.4	7.6	7.3	7.2	7.0
PHENOLS UG/L	--	0	1.0	0	0	0	2.0	0	0
PHOSPHORUS AS P MG/L	.03	.03	.02	.07	.42	.45	.58	.71	.17
POTASSIUM MG/L	1.9	.90	1.4	1.0	1.3	1.6	1.7	1.4	1.1
RUBIDIUM UG/L	.90	--	--	--	.90	.70	--	--	--
SELENIUM UG/L	3	1	2	0	4	0	1	2	0
SILICA MG/L	1.9	.70	5.4	2.9	4.8	2.0	.70	5.3	2.8
SILVER UG/L	< .20	< .20	< .40	< .10	< .08	< .20	< .20	< .40	< .20
SODIUM MG/L	7.5	11	7.1	5.5	14	16	16	15	11
SPECIFIC COND UMHOS	159	182	148	113	161	190	202	167	134
STRONTIUM UG/L	100	110	100	77	110	85	110	110	77
SULFATE MG/L	10	12	18	14	24	19	20	32	24
TIN UG/L	< 3.0	< 3.0	< 4.0	< 2.0	< 2.0	< 4.0	< 3.0	< 4.0	< 2.0
TITANIUM UG/L	8.0	7.0	7.0	7.0	.90	< 2.0	< 3.0	2.0	< 2.0
VANADIUM UG/L	< .90	< 3.0	< .80	< 1.0	< 2.0	< 1.0	< 3.0	< .90	< 1.0
ZINC UG/L	< 130	< 100	< 180	< 65	170	< 140	260	260	< 70
ZIRCONIUM UG/L	< 5.0	< 5.0	< 4.0	< 7.0	90	< 5.0	< 6.0	< 4.0	< 7.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

BROOME COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	420600075534000	BINGHAMTON(C)-SUSQUEHANNA RIVER

SYSTEM(S) ON THIS PAGE	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE	11/10/70	07/15/71	10/21/71	01/20/72	04/12/72	05/16/72	05/30/72	06/13/72	07/11/72
ALUMINUM UG/L	490	270	160	190	430	1500	490	610	1300
ARSENIC UG/L	0	0	2	0	2	1	4	2	0
BARIUM UG/L	55	30	25	21	20	31	23	20	30
BERYLLIUM UG/L	< .30	< .60	< .60	< .80	< .80	< .60	< 1.0	< .90	< 2.0
BICARBONATE MG/L	50	84	83	46	47	44	69	62	61
BISMUTH UG/L	< 2.0	< 3.0	< 3.0	< 4.0	< 2.0	< 2.0	< 3.0	< 2.0	< 3.0
BORON UG/L	12	9.0	15	9.0	5.0	13	10	9.0	21
CADMIUM UG/L	2	0	0	0	0	0	0	0	0
CALCIUM MG/L	14	29	27	19	18	17	25	22	22
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	6.8	8.3	7.8	6.5	5.5	4.0	6.0	3.8	5.0
CHROMIUM UG/L	< 2	< 3	< 2	< 4	< 4	2	< 5	< 4	< 3
COBALT UG/L	< .90	< .60	< 3.0	< 2.0	< 2.0	< 2.0	< 3.6	< 2.0	< 3.0
COLIFORM CUL/100 ML	--	--	--	--	--	4600	530	2500	3200
COPPER UG/L	53	34	24	28	24	23	6.0	28	29
CYANIDE MG/L	0	0	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	75	106	101	78	72	67	88	78	82
FLUORIDE MG/L	0	0	.10	.10	.10	0	.10	.10	0
GALLIUM UG/L	ND	< .60	< .60	< .80	< 2.0	< 1.0	< 3.0	< 2.0	< 3.0
GERMANIUM UG/L	< 2.0	< 3.0	< 4.0	< 4.0	< 4.0	< 3.0	< 5.0	< 4.0	< 5.0
HARDNESS TOTAL MG/L	56	86	82	58	56	51	76	65	66
HARDNESS NONCARB MG/L	15	17	14	20	16	15	19	14	16
IRON UG/L	570	410	310	290	430	1500	590	900	1700
LEAD UG/L	< 2.0	< 3.0	2.0	< 4.0	< 2.0	3.0	< 3.0	< 2.0	3.0
LITHIUM UG/L	2.0	1.0	< 10	< 10	< 10	< 10	< 10	< 10	--
MAGNESIUM MG/L	2.2	3.2	3.5	2.5	2.3	2.1	3.3	2.4	2.6
MANGANESE UG/L	37	77	65	36	39	93	76	66	140
MBAS MG/L	.02	.03	.02	.02	.01	.01	.02	.03	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .40	< .60	< 2.0	< .40	< .80	< .40	< .50	< .90	< 2.0
NICKEL UG/L	2.0	2.0	3.0	< 2.0	< .40	3.0	< 3.0	3.0	6.0
NITRATE AS N MG/L	.40	.10	.10	.00	.60	.70	.50	.50	.70
NITRITE AS N MG/L	0	.02	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	.01	.08	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	--	.41	.30	.31	.31	1.1	.62	.38	.64
PH UNITS	7.6	7.9	7.9	7.6	7.6	7.4	7.6	7.5	7.4
PHENOLS UG/L	0	3.0	0	8.0	0	--	--	--	--
PHOSPHORUS AS P MG/L	.05	.04	.05	.03	.06	.05	.05	.04	.04
POTASSIUM MG/L	1.1	1.2	1.4	.90	.90	.90	.90	.80	.90
RUBIDIUM UG/L	1.0	.80	--	--	--	--	--	--	--
SELENIUM UG/L	4	5	0	1	2	0	0	0	2
SILICA MG/L	2.7	1.3	.10	4.5	3.6	3.6	.50	2.7	4.0
SILVER UG/L	< .09	< .30	< .20	< .40	< .80	< .10	< .50	< .40	< .10
SODIUM MG/L	3.3	5.2	5.2	4.1	3.3	3.1	3.9	2.9	3.4
SPECIFIC COND UMHOS	130	198	192	134	132	122	168	144	147
STRONTIUM UG/L	150	93	100	59	54	46	66	71	71
SULFATE MG/L	15	16	15	17	15	14	14	12	13
TIN UG/L	< 2.0	< 3.0	< 4.0	< 4.0	< 2.0	< 2.0	< 5.0	< 2.0	< 11
TITANIUM UG/L	25	10	8.0	7.0	25	160	28	42	95
VANADIUM UG/L	4.0	< 2.0	< 2.0	< 4.0	< 2.0	3.0	< 3.0	< .90	< 3.0
ZINC UG/L	< 120	< 110	< 170	< 82	< 83	< 90	< 98	< 86	< 230
ZIRCONIUM UG/L	ND	< 3.0	< 6.0	< 9.0	< 4.0	5.0	< 5.0	< 4.0	< 5.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

BROOME COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	420600075534000	BINGHAMTON(C)-SUSQUEHANNA RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	07/25/72	08/08/72	08/22/72	09/05/72	09/19/72	10/03/72	10/17/72	10/31/72	11/14/72
ALUMINUM UG/L	300	630	450	470	1100	310	200	290	4800
ARSENIC UG/L	4	3	0	3	5	11	2	0	10
BARIUM UG/L	23	28	28	31	34	25	22	26	59
BERYLLIUM UG/L	< .50	< 1.0	< .00	< .00	< .50	< .00	< .50	< .70	< .00
BICARBONATE MG/L	74	54	82	86	63	83	69	58	74
BISMUTH UG/L	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	< 3.0	< 2.0	< 2.0	< 3.0
BORON UG/L	4.0	17	10	9.0	13	12	13	13	20
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	27	20	28	29	22	30	24	21	17
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	5.9	7.1	8.0	8.4	7.9	8.0	8.2	7.7	4.4
CHROMIUM UG/L	< 3	< 2	< 3	< 3	2	< 3	< 2	< 2	9
COBALT UG/L	< 3.0	< 1.0	< 2.0	< 2.0	< 3.0	< 3.0	< 2.0	< 2.0	4.0
COLIFORM COL/100 ML	540	3200	3000	3500	4200	300	290	630	6700
COPPER UG/L	3.0	24	19	16	19	12	17	19	42
CYANIDE MG/L	0	0	0	.01	0	.01	0	0	0
DISS SOLIDS SUM MG/L	95	81	103	107	89	106	94	84	78
FLUORIDE MG/L	.10	.10	.10	.10	.10	.10	.10	.10	0
GALLIUM UG/L	< 2.0	< 1.0	< 2.0	< 2.0	< 1.0	< 2.0	< 1.0	< .90	< 2.0
GERMANIUM UG/L	< 3.0	< 2.0	< 3.0	< 3.0	< 3.0	< 3.0	< 2.0	< 2.0	< 3.0
HARDNESS TOTAL MG/L	81	62	85	87	68	90	74	66	52
HARDNESS NONCARB MG/L	16	18	17	17	14	22	17	18	20
IRON UG/L	330	1500	880	620	1500	400	750	390	4000
LEAD UG/L	< 3.0	2.0	2.0	2.0	1.0	2.0	4.0	2.0	6.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	3.3	2.9	3.6	3.6	3.1	3.6	3.4	3.2	2.2
MANGANESE UG/L	110	150	110	110	110	72	30	36	120
MBAS MG/L	.02	.04	.02	.02	.02	.02	.01	.02	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 1.0	< 2.0	< 2.0	< 1.0	< 2.0	< 1.0	< .90	< 2.0
NICKEL UG/L	< 4.0	7.0	< 3.0	5.0	4.0	< 3.0	3.0	< 2.0	9.0
NITRATE AS N MG/L	.40	.40	.40	.20	.30	.40	.40	.20	.80
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.62	.55	.62	.45	.55	.52	.29	.33	.42
PH UNITS	7.7	7.5	7.9	7.8	7.5	8.0	7.8	7.6	7.5
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.05	.06	.04	.04	.10	.04	.02	.03	.12
POTASSIUM MG/L	1.1	1.4	1.3	1.3	1.5	1.3	1.4	1.4	1.8
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	3	4	2	2	1	0	4	4
SILICA MG/L	.80	2.6	1.7	.60	1.6	1.3	1.1	1.4	4.3
SILVER UG/L	< .30	< .20	< .20	< .20	< .30	< .30	< .20	< .20	< .30
SODIUM MG/L	4.3	4.6	5.0	5.5	4.6	5.4	5.2	4.7	2.7
SPECIFIC CND UMHOS	180	149	190	204	161	201	174	155	115
STRONTIUM UG/L	74	62	80	82	67	77	74	75	50
SULFATE MG/L	14	15	15	16	17	15	16	16	18
TIN UG/L	< 3.0	< 2.0	< 3.0	< 3.0	< 3.0	< 3.0	< 2.0	< 2.0	< 3.0
TITANIUM UG/L	30	34	20	22	45	15	11	16	320
VANADIUM UG/L	< 2.0	1.0	< 2.0	< 2.0	2.0	< 2.0	< 2.0	< 2.0	10
ZINC UG/L	< 170	< 140	< 180	< 190	< 100	< 170	< 140	0	10
ZIRCONIUM UG/L	< 6.0	< 2.0	< 4.0	< 4.0	< 5.0	< 6.0	< 3.0	< 4.0	10

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

BROOME COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	420600075534000	BINGHAMTON(C)-SUSQUEHANNA RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	11/28/72	12/12/72	12/26/72	01/09/73	01/23/73	02/06/73	02/20/73	03/06/73	03/20/73
ALUMINUM UG/L	3200	950	540	740	5700	1700	130	570	6000
ARSENIC UG/L	10	0	0	0	10	0	0	0	0
BARIUM UG/L	40	18	18	20	50	25	20	19	48
BERYLLIUM UG/L	< .70	< .30	< .50	< .70	< .60	< .60	< .70	< .60	< .50
BICARBONATE MG/L	34	32	35	53	42	40	70	54	34
BISMUTH UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 3.0	< 2.0	< 3.0
BORON UG/L	14	9.0	8.0	7.0	20	14	10	7.0	21
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	14	15	16	22	14	16	26	20	15
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	4.0	3.9	4.5	5.2	5.5	4.0	6.5	5.5	6.0
CHROMIUM UG/L	5	< 1	< 2	< 2	4	2	< 3	< 2	5
COBALT UG/L	< 2.0	2.0	< 2.0	< 2.0	3.0	3.0	< 3.0	< 2.0	< 3.0
COLIFORM COL/100 ML	7300	2100	150	--	17000	2100	--	670	3000
COPPER UG/L	25	18	25	22	20	28	24	13	23
CYANIDE MG/L	0	0	.01	0	0	0	.01	.01	.01
DISS SOLIDS SUM MG/L	66	57	62	91	70	63	97	77	62
FLUORIDE MG/L	0	0	0	0	0	.20	.10	.10	0
GALLIUM UG/L	< .90	< .70	< .70	< .90	2.0	< .90	< 1.0	< 2.0	2.0
GERMANIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 3.0	< .90	< 3.0
HARDNESS TOTAL MG/L	43	45	48	65	54	47	77	59	44
HARDNESS NONCA+M MG/L	15	19	19	21	19	15	20	15	15
IRON UG/L	2700	1000	660	690	3400	2100	170	1100	4700
LEAD UG/L	4.0	2.0	< 2.0	< 2.0	6.0	3.0	< 3.0	< 2.0	3.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	1.9	1.8	2.0	2.9	2.1	1.8	3.0	2.3	1.6
MANGANESE UG/L	120	35	32	34	120	57	31	44	130
MBAS MG/L	.01	.01	.02	.02	.02	.02	.03	.03	.02
MERCURY UG/L	< .50	< .50	< .50	< .30	< .50	1.2	< .50	< .50	1.0
MOLYBDENUM UG/L	< .90	< .70	< .70	< .90	< .60	< .90	< 1.0	< .80	< .80
NICKEL UG/L	7.0	3.0	2.0	3.0	4.0	4.0	< 3.0	3.0	7.0
NITRATE AS N MG/L	.60	.60	.60	.90	.80	.70	1.0	.90	.60
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.38	.36	.22	.16	.51	.32	.20	.35	.45
PH UNITS	7.4	7.1	7.6	7.4	7.3	7.3	7.6	7.6	7.2
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.08	.05	.02	.04	.12	.12	.02	.05	.09
POTASSIUM MG/L	1.3	.80	.70	.70	1.3	1.0	.90	1.0	1.0
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	5	0	5	0	0	1	0	0	2
SILICA MG/L	3.6	4.2	4.0	4.4	3.1	3.4	4.2	3.1	3.6
SILVER UG/L	< .20	< .20	< .20	< .20	< .30	< .20	< .30	< .20	< .30
SODIUM MG/L	2.6	2.4	2.9	3.2	3.6	2.6	4.0	3.6	2.5
SPECIFIC COND UMHOS	104	103	114	147	124	111	174	135	104
STRONTIUM UG/L	46	34	71	52	60	52	75	46	38
SULFATE MG/L	15	13	14	16	15	14	17	14	14
TIN UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 3.0	< 2.0	< 3.0
TITANIUM UG/L	160	48	23	42	200	86	4.0	22	410
VANADIUM UG/L	5.0	2.0	< 2.0	< 2.0	7.0	2.0	< 3.0	< 2.0	9.0
ZINC UG/L	10	0	0	0	10	0	0	0	20
ZIRCONIUM UG/L	6.0	< 3.0	< 2.0	< 5.0	7.0	< 4.0	< 5.0	< 2.0	16

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

BROOME COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	420600075534000	BINGHAMTON(C)-SUSQUEHANNA RIVER
B	420600075534001	BINGHAMTON(C)-SUSQUEHANNA RIVER
C	421200076050001	BROOME COUNTY AIRPORT-MAINE-WELLS

SYSTEM(S) ON THIS PAGE..	A	A	A	B	B	B	D	D	C
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	TREATED	TREATED	TREATED	TREATED	TREATED	RAW
DATE.....	04/03/73	04/19/73	05/02/73	11/18/70	07/15/71	10/21/71	01/28/72	04/12/72	03/09/73
ALUMINUM UG/L	4500	930	510	110	110	110	120	120	5.0
ARSENIC UG/L	0	0	0	0	0	2	0	1	0
BARIUM UG/L	46	22	18	51	27	24	15	15	35
BERYLLIUM UG/L	< .70	< .50	< .60	< .30	< .60	< .00	< .70	< .70	< 2.0
BICARBONATE MG/L	29	54	62	40	74	73	33	34	117
BISMUTH UG/L	< 3.0	< 2.0	< 2.0	< 2.0	< 3.0	< 3.0	< 4.0	< 2.0	< 5.0
BORON UG/L	16	11	7.0	9.0	7.0	17	5.0	4.0	160
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	13	19	23	18	29	26	17	18	27
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	3.4	4.6	5.5	7.5	10	8.6	7.5	6.5	14
CHROMIUM UG/L	6	< 2	< 2	< 2	3	< 2	< 4	< 4	< 5
COBALT UG/L	3.0	< 2.0	< 2.0	< .00	< .60	< 3.0	< 2.0	< 2.0	< 5.0
COLIFORM COL/100 ML	3000	--	< 910	--	--	--	--	--	--
COPPER UG/L	29	24	17	2.0	22	2.0	.90	1.0	3.0
CYANIDE MG/L	.01	.01	0	0	0	.01	0	0	.01
DISS SOLIDS SUM MG/L	90	73	82	76	110	103	76	75	156
FLUORIDE MG/L	.30	.10	.20	1.5	1.0	1.4	1.4	1.3	.10
GALLIUM UG/L	1.8	< 1.0	< .90	ND	< .60	< .60	< .70	< 2.0	< 3.0
GERMANIUM UG/L	< 3.0	< 2.0	< 2.0	< 2.0	< 3.0	< 4.0	< 4.0	< 4.0	< 5.0
HARDNESS TOTAL MG/L	40	56	68	54	86	80	52	54	93
HARDNESS NONCARB MG/L	16	12	17	21	25	20	25	27	0
IRON UG/L	4600	1300	720	15	12	6.0	11	10	96
LEAD UG/L	4.0	3.0	< 2.0	< 2.0	< 3.0	< 2.0	< 4.0	< 2.0	< 5.0
LITHIUM UG/L	--	--	--	.90	.90	< 10	< 10	< 10	30
MAGNESIUM MG/L	1.8	2.2	2.5	2.2	3.2	3.6	2.4	2.3	6.1
MANGANESE UG/L	180	78	41	5.0	17	5.0	23	14	13
MBAS MG/L	.01	.01	.01	.02	.03	.02	.02	.01	.01
MERCURY UG/L	--	3.3	.90	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 1.0	< .50	< .90	< .40	< .60	< 2.0	< .70	< .70	< 3.0
NICKEL UG/L	10	3.0	< 2.0	< .00	< 2.0	< 3.0	< 2.0	< .70	< 5.0
NITRATE AS N MG/L	.60	.70	.50	.40	0	.10	.80	.60	.08
NITRITE AS N MG/L	--	--	--	0	0	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	0	.17	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.27	.30	.21	--	.19	.16	.21	0	.04
PH UNITS	6.8	7.2	7.5	7.1	7.5	7.5	6.8	7.0	7.7
PHENOLS UG/L	--	--	--	0	1.0	0	3.0	0	--
PHOSPHORUS AS P MG/L	.08	.04	.03	.02	0	.01	.01	.02	.01
POTASSIUM MG/L	.90	.80	.90	1.0	1.4	1.4	.90	.90	.70
RUBIDIUM UG/L	--	--	--	< .60	.50	--	--	--	--
SELENIUM UG/L	1	1	1	0	0	5	2	1	0
SILICA MG/L	3.4	3.4	2.4	2.9	1.7	.68	5.1	4.1	8.8
SILVER UG/L	< .30	< .20	< .20	< .09	< .30	< .20	< .30	< .70	< .50
SODIUM MG/L	2.9	3.1	3.3	3.3	5.5	5.3	4.1	3.2	21
SPECIFIC COND UMHOS	119	141	144	148	204	197	137	137	266
STRONTIUM UG/L	46	76	54	150	180	180	30	40	280
SULFATE MG/L	15	13	13	20	22	20	21	21	21
TIN UG/L	< 3.0	< 2.0	< 2.0	< 2.0	< 3.0	< 4.0	< 4.0	< 2.0	< 5.0
TITANIUM UG/L	180	51	29	2.0	< 2.0	< 3.0	< 2.0	< 2.0	< 5.0
VANADIUM UG/L	7.0	2.0	< 2.0	< .40	< 2.0	< 2.0	< 4.0	< 2.0	< 5.0
ZINC UG/L	0	0	20	< 110	< 110	< 170	< 69	< 68	70
ZIRCONIUM UG/L	10	< 3.0	< 4.0	ND	< 3.0	< 6.0	< 7.0	< 4.0	< 10

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

BROOME COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND MAP SOURCE OF WATER SAMPLED
A	421810075522400	CHENANGO #3 #1-WELL
B	420200075490001	CONKLIN #3 #1-WELL #3
C	420540075264900	DEPOSIT(V)-BIG HOLLOW BROOK
D	420540075264901	DEPOSIT(V)-BIG HOLLOW BROOK
E	420542076031301	ENDICOTT(V)-WELLS
F	420542076031300	ENDICOTT(V)-WELLS

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	E	E	E	F
TYPE OF WATER SAMPLED...	DISTRIB	RAW	RAW	TREATED	RAW	RAW	RAW	RAW	TREATED
DATE.....	03/13/74	01/15/73	03/01/72	03/01/72	07/15/71	10/21/71	01/20/72	04/12/72	07/15/71
ALUMINUM UG/L	15	19	41	41	5.0	8.0	9.0	< 3.0	3.0
ARSENIC UG/L	1	0	0	1	0	--	2	4	0
BARIUM UG/L	100	35	18	18	250	330	290	350	290
BERYLLIUM UG/L	< 2.0	< .50	< .10	< .10	< 2.0	< 2.0	< 3.0	< 3.0	< 2.0
BICARBONATE MG/L	192	38	12	9	208	--	219	212	225
BISMUTH UG/L	< 7.0	< 3.0	< .60	< .60	< 6.0	< 6.0	< 13	< 7.0	< 7.0
BORON UG/L	10	14	4.0	4.0	24	40	29	26	28
CADMIUM UG/L	0	0	0	0	0	--	0	0	--
CALCIUM MG/L	67	10	5.5	5.0	63	--	68	69	74
CARBONATE MG/L	0	0	0	0	0	--	0	0	0
CHLORIDE MG/L	36	24	3.7	4.5	18	--	26	27	36
CHROMIUM UG/L	< 3	< 3	< 2	< 2	< 6	< 5	< 13	< 14	< 7
COBALT UG/L	< 7.0	< 3.0	< .60	< .60	< 2.0	< 6.0	< 6.0	< 7.0	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	10	2.0	1.0	8.0	5.0	5.0	2.0	< 2.0	3.0
CYANIDE MG/L	.01	0	0	0	0	--	0	0	0
DISS SOLIDS SUM MG/L	286	104	36	34	234	0	266	266	295
FLUORIDE MG/L	.20	.10	0	.10	0	--	.40	.10	1.0
GALLIUM UG/L	< 3.0	< .78	< .10	< .10	< 2.0	< 2.0	< 3.0	< 7.0	< 2.0
GERMANIUM UG/L	< 7.0	< 2.0	< 2.0	< 2.0	< 6.0	< 9.0	< 13	< 14	< 7.0
HARDNESS TOTAL MG/L	221	66	21	19	193	--	211	218	234
HARDNESS NONCARB MG/L	63	35	11	12	22	--	31	44	58
IRON UG/L	15	1000	58	61	330	430	430	350	590
LEAD UG/L	< 7.0	< 3.0	< .60	3.0	< 6.0	< 5.0	< 13	< 7.0	19
LITHIUM UG/L	10	< 10	< 10	< 10	5.0	< 10	< 10	10	9.0
MAGNESIUM MG/L	13	5.1	1.7	1.7	8.6	--	10	11	12
MANGANESE UG/L	< 3.0	860	18	8.0	620	790	780	680	780
MBAS MG/L	.01	.01	.01	.03	.03	--	.02	.01	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	--	< .50	< .50	--
MOLYBDENUM UG/L	< 2.0	< .78	< .38	< .38	< 2.0	< 3.0	< 3.0	< 3.0	< 2.0
NICKEL UG/L	< 5.0	7.0	< 2.0	< 2.0	< 3.0	< 6.0	< 6.0	< 3.0	< 3.0
NITRATE AS N MG/L	2.7	.50	.70	.70	.10	--	.20	0	.10
NITRITE AS N MG/L	.01	--	--	--	.23	--	--	--	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	.04	--	--	.46	.54
NITROGEN NH4+ORG-N MG/L	.03	0	.10	.02	.37	--	.50	.32	.59
PH UNITS	7.4	6.7	6.9	6.8	8.0	--	7.6	7.7	7.7
PHENOLS UG/L	--	--	2.0	--	0	--	--	1.0	0
PHOSPHORUS AS P MG/L	0	.01	0	0	.02	--	0	.09	.02
POTASSIUM MG/L	.90	.60	.90	.90	1.2	--	1.3	1.4	1.5
RUBIDIUM UG/L	--	--	--	--	< .40	--	--	--	.50
SELENIUM UG/L	<	2	2	0	3	--	0	7	3
SILICA MG/L	6.9	13	3.8	3.8	6.5	--	9.0	9.3	8.3
SILVER UG/L	< .70	< .30	< .10	< .10	< .60	< .50	< 2.0	< 3.0	< .70
SODIUM MG/L	12	6.8	2.6	2.3	11	--	14	13	18
SPECIFIC CONDUCTANCE UMHOS	477	186	66	66	411	--	458	471	514
STRONTIUM UG/L	110	56	17	18	200	220	230	200	300
SULFATE MG/L	35	17	11	11	21	--	29	30	33
TIN UG/L	< 7.0	< 3.0	< 2.0	< 2.0	< 6.0	< 9.0	< 13	< 7.0	< 7.0
TITANIUM UG/L	6.0	< 2.0	1.0	3.0	< 3.0	< 6.0	< 6.0	< 7.0	< 3.0
VANADIUM UG/L	< 3.0	< 2.0	< .60	< .60	< 3.0	< 5.0	< 13	< 7.0	< 3.0
ZINC UG/L	40	60	< 24	< 29	< 250	< 410	< 280	< 290	< 300
ZIRCONIUM UG/L	< 7.0	< 4.0	< .60	< .60	< 6.0	< 13	< 28	< 14	< 7.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

BROOME COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND MAP SOURCE OF WATER SAMPLED
A	420542076031300	ENDICOTT(V)-WELLS
B	420915075531300	HILLCREST MD-WELLS
C	420647075584200	JOHNSON CITY(V)-WELLS
D	421123075481401	PENNVIEW-WELL
E	420521076021000	VESTAL WD #1-WELLS
F	420551076005300	VESTAL WD #4-WELLS
G	421945075575900	WHITNEY POINT(V)-WELL

SYSTEM(S) ON THIS PAGE..	A	A	A	B	C	D	E	F	G
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	DISTRBN	DISTRBN	RAW	DISTRBN	DISTRBN	DISTRBN
DATE.....	10/21/71	01/20/72	04/12/72	03/01/72	03/01/72	01/15/73	03/01/72	03/01/72	03/13/74
ALUMINUM UG/L	7.0	5.0	< 3.0	< 2.0	< 2.0	22	< 2.0	2.0	10
ARSENIC UG/L	2	1	2	1	0	0	0	0	1
BARIUM UG/L	320	290	310	190	42	1200	28	45	57
BERYLLIUM UG/L	< 2.0	< 3.0	< 3.0	< 2.0	< 2.0	< 3.0	< 2.0	< 2.0	< 2.0
BICARBONATE MG/L	214	218	214	214	208	111	235	255	266
BISMUTH UG/L	< 6.0	< 13	< 6.0	< 6.0	< 6.0	< 10	< 7.0	< 7.0	< 6.0
BORON UG/L	43	29	22	18	36	45	39	92	10
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	65	66	67	67	70	35	79	75	80
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	27	27	27	23	19	220	38	15	31
CHROMIUM UG/L	< 5	< 13	< 13	< 13	< 13	< 10	< 15	< 15	< 4
COBALT UG/L	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 10	< 7.0	< 7.0	< 8.0
COLIFORM CUL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	3.0	2.0	1.0	55	138	2.0	62	120	340
CYANIDE MG/L	0	0	0	0	0	.01	0	0	.01
DISS SOLIDS SUM MG/L	250	265	265	272	267	477	306	287	383
FLUORIDE MG/L	.90	.80	1.0	.10	.10	.18	.20	.10	.10
GALLIUM UG/L	< 2.0	< 3.0	< 6.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 4.0
GERMANIUM UG/L	< 4.0	< 13	< 13	< 13	< 13	< 6.0	< 15	< 15	< 8.0
HARDNESS TOTAL MG/L	208	211	213	225	216	113	247	253	249
HARDNESS NONCARB MG/L	32	32	37	49	52	21	54	44	31
IRON UG/L	470	430	340	61	35	3900	26	10	30
LEAD UG/L	< 5.0	< 13	< 6.0	< 6.0	< 6.0	< 10	< 7.0	< 7.0	< 8.0
LITHIUM UG/L	< 10	10	10	10	10	140	< 10	10	0
MAGNESIUM MG/L	11	10	11	14	10	6.1	12	16	12
MANGANESE UG/L	790	730	660	250	12	600	< 7.0	< 7.0	< 4.0
MBAS MG/L	.02	.02	.01	.01	.01	.04	.03	.01	0
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	1.3	< .50	< .50	< .50
MOLYBDENUM UG/L	< 3.0	< 3.0	< 3.0	< 3.0	< 1.0	< 4.0	< 4.0	< 4.0	< 2.0
NICKEL UG/L	< 6.0	< 6.0	< 3.0	< 13	< 13	< 10	< 15	< 15	< 5.0
NITRATE AS N MG/L	0	.03	0	.90	.50	0	1.7	.70	1.8
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	0
NITROGEN NH4 AS N MG/L	--	.49	.44	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.50	.33	.39	0	.02	.03	.19	.22	.04
PH UNITS	7.8	7.6	7.8	7.9	7.8	7.7	7.6	7.7	7.0
PHENOLS UG/L	--	--	0	--	2.0	--	0	0	--
PHOSPHORUS AS P MG/L	.04	.03	.04	0	0	.07	.34	.08	0
POTASSIUM MG/L	1.5	1.4	1.4	1.1	1.5	1.0	1.2	.80	1.2
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	1	1	4	0	4	0	2	2
SILICA MG/L	8.2	9.2	9.7	7.9	7.8	7.5	11	9.1	4.9
SILVER UG/L	< .50	< 2.0	< 3.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	< .80
SODIUM MG/L	14	14	13	12	10	130	16	7.2	16
SPECIFIC COND UMHOS	459	463	473	481	466	882	552	585	541
STRONTIUM UG/L	210	210	200	110	130	890	100	100	120
SULFATE MG/L	25	27	29	41	50	23	31	34	25
TIN UG/L	< 9.0	< 13	< 6.0	< 13	< 13	< 10	< 15	< 15	< 8.0
TITANIUM UG/L	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 7.0	< 7.0	< 7.0	< 4.0
VANADIUM UG/L	< 5.0	< 13	< 6.0	< 6.0	< 6.0	< 7.0	< 7.0	< 7.0	< 4.0
ZINC UG/L	< 410	< 270	< 270	< 270	< 270	0	< 330	< 310	30
ZIRCONIUM UG/L	< 13	< 27	< 13	< 6.0	< 6.0	< 15	< 7.0	< 7.0	< 8.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

CATTARAUGUS COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	420528078294500	ALLEGANY(V)-WELL
B	421944078520500	CATTARAUGUS(V)-SPRINGS&WELLS
C	422024078284900	DELEVAN(V)-SPRINGS
D	421015078570500	EAST RANDOLPH(V)-WELL
E	421635078481400	ELLICOTTVILLE(V)-WELL
F	422016078272600	FRANKLINVILLE(V)-WELLS
G	422719078560300	GOWANDA(V)-POINT PETER BROOK

SYSTEM(S) ON THIS PAGE...	A	B	C	D	E	F	G	G	G
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	RAW	RAW	RAW
DATE.....	11/08/71	11/08/71	06/13/72	08/29/73	08/30/73	11/08/71	11/09/71	09/19/73	12/13/73
ALUMINUM UG/L	6.0	6.0	14	8.0	6.0	11	240	240	300
ARSENIC UG/L	0	7	0	0	0	0	6	< 1	1
BARIUM UG/L	44	260	64	100	170	140	90	90	67
BERYLLIUM UG/L	< 2.0	< 1.0	< 2.0	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.0
BICARBONATE MG/L	159	170	164	113	157	154	214	193	198
BISMUTH UG/L	< 3.0	< 3.0	< 5.0	< 3.0	< 5.0	< 3.0	< 3.0	< 7.0	< 6.0
BORON UG/L	20	69	6.0	9.0	19	12	32	25	25
CADMIUM UG/L	0	0	0	1	0	0	0	0	0
CALCIUM MG/L	61	38	51	35	56	58	68	60	58
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	33	17	3.5	3.6	10	9.1	6.8	5.5	6.1
CHROMIUM UG/L	< 3	< 3	< 9	< 2	< 2	< 3	< 3	< 3	< 3
COBALT UG/L	< 6.0	< 5.0	< 5.0	< 3.0	< 5.0	< 5.0	< 7.0	< 6.0	< 5.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	28	2.0	2.0	5.0	17	11	1.0	< 2.0	< 2.0
CYANIDE MG/L	0	0	0	.01	.03	0	.01	0	.01
DISS SOLIDS SUM MG/L	234	211	175	128	177	181	276	245	243
FLUORIDE MG/L	.10	.20	.10	.40	.40	.10	.10	.70	.40
GALLIUM UG/L	< 2.0	< 1.0	< 5.0	< 2.0	< 2.0	< 1.0	< 2.0	< 3.0	< 2.0
GERMANIUM UG/L	< 6.0	< 5.0	< 9.0	< 3.0	< 5.0	< 5.0	< 7.0	< 6.0	< 6.0
HARDNESS TOTAL MG/L	198	129	164	112	151	159	236	207	207
HARDNESS NONCARB MG/L	67	0	29	19	22	33	68	49	44
IRON UG/L	65	120	24	48	< 5.0	380	560	380	470
LEAD UG/L	< 6.0	< 5.0	< 5.0	6.0	< 5.0	15	< 7.0	< 6.0	< 6.0
LITHIUM UG/L	< 10	< 10	< 10	0	--	< 10	< 10	0	0
MAGNESIUM MG/L	11	4.2	8.8	6.0	6.4	8.3	16	14	15
MANGANESE UG/L	< 3.0	62	< 5.0	< 2.0	< 3.0	8.0	65	52	55
MBAS MG/L	.03	.01	.05	.01	0	.04	.02	.01	.02
MERCURY UG/L	< .50	< .50	< .50	.70	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	3.0	< 2.0	< 2.0	< 2.0	< 1.0	2.0	4.0	2.0
NICKEL UG/L	< 12	< 10	< 5.0	< 3.0	< 5.0	< 10	< 14	< 5.0	< 6.0
NITRATE AS N MG/L	1.9	0	1.6	.80	1.2	4.1	.40	.38	.35
NITRITE AS N MG/L	--	--	--	0	0	--	--	.00	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.04	.28	.08	.05	.02	0	.44	.05	.17
PH UNITS	7.8	7.8	8.0	6.1	7.8	7.9	8.0	8.3	8.1
PHENOLS UG/L	0	1.0	--	--	--	0	0	--	--
PHOSPHORUS AS P MG/L	.01	.01	.00	.01	.00	0	.01	.01	.01
POTASSIUM MG/L	.80	1.0	.80	.60	1.4	1.9	2.0	1.7	1.3
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	0	0	0	0	0	1	2	< 1
SILICA MG/L	9.3	11	7.4	8.3	7.0	5.2	8.4	9.5	7.9
SILVER UG/L	< 2.0	< 1.0	< .90	0	0	< 1.0	< 2.0	< 1.0	< .60
SODIUM MG/L	11	30	2.2	2.9	5.9	5.0	6.0	7.7	6.3
SPECIFIC COND UMHOS	427	355	318	224	315	348	453	465	417
STRONTIUM UG/L	71	270	57	50	57	71	220	190	150
SULFATE MG/L	28	22	19	15	17	22	63	51	50
TIN UG/L	< 12	< 10	< 5.0	< 3.0	< 5.0	< 10	< 14	< 6.0	< 6.0
TITANIUM UG/L	< 3.0	< 3.0	< 2.0	< 2.0	< 4.0	< 3.0	9.0	10	14
VANADIUM UG/L	< 3.0	< 3.0	< 2.0	< 2.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
ZINC UG/L	390	< 220	< 200	90	30	420	< 300	30	10
ZIRCONIUM UG/L	< 12	< 10	< 9.0	< 5.0	< 7.0	< 10	< 14	< 10	< 6.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

CATTARAUGUS COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	422719078560300	GOWANDA(V)-POINT PETER BROOK
B	422719078560301	GOWANDA(V)-POINT PETER BROOK
C	422719078561501	GOWANDA(V)-WELL #1
D	422719078561500	GOWANDA(V)-WELL #1
E	421005076231500	HINSDALE #D-WELL
F	420135078374500	LIMESTONE(V)-WELL

SYSTEM(S) ON THIS PAGE	A	B	B	B	B	C	D	E	F
TYPE OF WATER SAMPLED	RAW	TREATED	TREATED	TREATED	TREATED	RAW	TREATED	DISTRBN	DISTRBN
DATE	03/06/74	11/09/71	09/19/73	12/13/73	03/04/74	06/13/73	06/13/73	08/29/73	08/29/73
ALUMINUM UG/L	400	140	220	80	110	23	9.0	10	8.0
ARSENIC UG/L	1	0	< 1	0	1	0	0	0	0
BARIUM UG/L	56	110	100	950	2200	2300	2400	130	16
BERYLLIUM UG/L	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
BICARBONATE MG/L	130	230	224	210	254	264	256	171	56
BISMUTH UG/L	< 5.0	< 3.0	< 7.0	< 6.0	< 7.0	< 7.0	< 6.0	< 5.0	< 5.0
BORON UG/L	25	18	26	80	200	64	83	10	18
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	45	70	62	50	35	36	38	59	13
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	4.6	8.3	11	15	25	21	25	17	80
CHROMIUM UG/L	< 2	< 3	--	< 3	< 3	< 2	< 3	2	< 2
COBALT UG/L	< 5.0	< 7.0	< 6.0	< 5.0	< 7.0	< 2.0	< 3.0	< 5.0	< 5.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	2.0	12	< 2.0	< 2.0	2.0	< 2.0	< 2.0	25	110
CYANIDE MG/L	0	0	0	.01	0	.01	.01	.03	.02
DISS SOLIDS SUM MG/L	179	276	272	253	259	286	286	211	202
FLUORIDE MG/L	0	.20	.40	.50	.30	.40	.40	.30	.40
GALLIUM UG/L	< 2.0	< 2.0	< 3.0	< 2.0	< 3.0	< 2.0	< 3.0	< 3.0	< 3.0
GERMANIUM UG/L	< 5.0	< 7.0	< 6.0	< 6.0	< 7.0	< 7.0	< 6.0	< 5.0	< 5.0
HARDNESS TOTAL MG/L	154	241	217	182	133	131	136	186	48
HARDNESS NONCARB MG/L	40	52	33	4	0	0	0	45	2
IRON UG/L	560	30	40	50	300	730	79	< 5.0	240
LEAD UG/L	< 3.0	< 7.0	< 6.0	< 6.0	< 5.0	< 4.0	< 4.0	< 5.0	< 5.0
LITHIUM UG/L	3	< 10	10	10	20	20	1.0	0	0
MAGNESIUM MG/L	10	16	15	14	11	10	10	9.3	3.8
MANGANESE UG/L	10	< 3.0	4.0	5.0	26	10	7.0	< 4.0	3.0
MBAS MG/L	.02	.03	.01	.01	.02	.01	.02	0	0
MERCURY UG/L	< .50	< .50	.80	< .50	< .50	< .50	< .50	< .50	.50
MOLYBDENUM UG/L	2.0	2.0	4.0	7.0	20	15	17	< 3.0	< 3.0
NICKEL UG/L	< 3.0	< 14	< 5.0	< 6.0	< 5.0	< 6.0	< 6.0	< 5.0	< 5.0
NITRATE AS N MG/L	.43	1.2	.37	.24	0	.02	.15	2.2	.38
NITRITE AS N MG/L	.01	--	.00	.01	.01	.01	0	0	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.01	.34	.02	.03	0	.01	.13	.01	.04
PH UNITS	7.3	8.0	8.0	7.8	7.8	7.4	7.9	7.9	6.7
PHENOLS UG/L	--	2.0	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.05	.01	.01	.00	.01	.01	.01	.00	.03
POTASSIUM MG/L	1.3	1.4	.90	1.0	2.0	1.0	1.0	1.2	1.0
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	2	0	2	1	1	< 0	1	1
SILICA MG/L	4.6	8.7	9.7	10	12	15	15	6.0	10
SILVER UG/L	< .50	< 2.0	< 1.0	< .00	< .70	< 1.0	< 1.0	0	0
SODIUM MG/L	3.0	5.4	8.0	22	45	52	50	6.0	46
SPECIFIC COND UMHOS	307	466	470	438	457	447	446	381	389
STRONTIUM UG/L	110	180	200	310	990	740	780	54	97
SULFATE MG/L	42	52	54	32	3.8	0	0	24	10
TIN UG/L	< 5.0	< 14	< 6.0	< 6.0	< 7.0	< 6.0	< 6.0	< 5.0	< 5.0
TITANIUM UG/L	10	< 3.0	< 5.0	< 3.0	< 3.0	< 4.0	< 4.0	< 4.0	< 4.0
VANADIUM UG/L	< 2.0	< 3.0	< 3.0	< 3.0	< 1.0	< 3.0	< 3.0	< 3.0	< 3.0
ZINC UG/L	90	< 300	30	110	40	0	10	20	0
ZIRCONIUM UG/L	< 7.0	< 14	< 10	< 6.0	< 10	< 10	< 10	< 6.0	< 7.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

CATTARAUGUS COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	421424078491100	LITTLE VALLEY(V)-WELLS
B	421424078491101	LITTLE VALLEY(V)-WELLS
C	422510078294100	MACHIAS(U)-SPRINGS
D	420550078255200	OLEAN(C)-OLEAN CREEK
E	420550078255201	OLEAN(C)-OLEAN CREEK

SYSTEM(S) ON THIS PAGE...	A	B	C	D	D	D	D	D	E
TYPE OF WATER SAMPLED...	RAW	TREATED	DISTRHV	RAW	RAW	RAW	RAW	RAW	TREATED
DATE.....	11/08/71	11/08/71	08/30/73	11/16/70	07/12/71	10/18/71	01/17/72	04/10/72	6/70
ALUMINUM UG/L	96	82	13	60	2500	4700	600	390	28
ARSENIC UG/L	0	0	0	0	6	5	1	2	0
BARIUM UG/L	51	96	30	26	100	120	55	45	33
BERYLLIUM UG/L	< .50	< .50	< 1.0	< .20	< .90	< .70	< .50	< .50	< .20
BICARBONATE MG/L	75	71	107	40	133	139	62	63	20
BISMUTH UG/L									
BORON UG/L	< 2.0	< 2.0	< 3.0	< .70	< 5.0	< 3.0	< 3.0	< 3.0	< .70
CADMIUM UG/L	7.0	9.0	11	11	21	35	17	12	10
CALCIUM MG/L	0	0	0	1	0	0	0	0	0
CARBONATE MG/L	25	26	32	14	41	43	22	22	18
	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L									
CHROMIUM UG/L	6.5	10	1.3	4.2	15	14	7.7	8.2	7.0
COBALT UG/L	< 2	< 2	< 2	< 2	< 5	6	< 3	< 3	2
COLIFORM COL/100 ML	< 3.0	< 3.0	< 3.0	< .70	< 2.0	< 3.0	< 3.0	< 3.0	< .70
COPPER UG/L	--	--	--	--	--	--	--	--	--
	6.0	22	5.0	3.0	2.0	2.0	1.0	.80	80
CYANIDE MG/L									
DISS SOLIDS SUM MG/L	0	0	.01	0	0	0	.01	0	
FLUORIDE MG/L	93	97	117	64	159	173	96	90	81
GALLIUM UG/L	.10	.10	.50	0	0	.10	.10	.10	.60
GERMANIUM UG/L	< .50	< .50	< 2.0	ND	< 3.0	.90	< 2.0	< 3.0	ND
	< 3.0	< 3.0	< 3.0	< .70	< 6.0	< 5.0	< 6.0	< 5.0	< .70
HARDNESS TOTAL MG/L									
HARDNESS NONCARB MG/L	81	82	99	44	129	136	71	70	54
IRON UG/L	14	24	11	11	20	22	20	18	37
LEAD UG/L	100	140	140	100	2200	4400	640	350	21
LITHIUM UG/L	< 3.0	< 3.0	5.0	1.0	4.0	3.0	< 3.0	2.0	1.0
	< 10	< 10	0	.40	3.0	< 10	< 10	< 10	6.0
MAGNESIUM MG/L									
MANGANESE UG/L	6.4	4.2	4.6	2.1	6.4	7.0	3.9	3.6	2.1
MBAS MG/L	12	16	3.0	39	290	170	94	65	1.0
MERCURY UG/L	.02	.02	0	.01	.01	.01	.02	.03	.01
MOLYBDENUM UG/L	< .50	< .50	.50	< .50	< .50	< .50	< .50	< .50	< .50
	< .50	< .50	< 2.0	.40	1.0	< 1.0	< 2.0	.50	< .40
NICKEL UG/L									
NITRATE AS N MG/L	< 5.0	< 6.0	< 3.0	3.0	4.0	8.0	< 3.0	< 3.0	4.0
NITRITE AS N MG/L	1.3	1.1	.28	.50	.53	.70	.90	.70	.50
NITROGEN NH4 AS N MG/L	--	--	0	.01	.02	--	--	--	0
NITROGEN NH4+ORG-N MG/L	--	--	--	.13	.18	--	--	--	.03
	0	.16	.02	--	.36	.38	.40	.13	--
PH UNITS									
PHENOLS UG/L	7.2	7.4	7.8	7.3	8.0	8.1	7.5	7.5	6.7
PHOSPHORUS AS P MG/L	2.0	1.0	--	0	4.0	0	0	--	0
POTASSIUM MG/L	.01	.01	.00	.10	.08	.13	.05	.05	.09
RUBIDIUM UG/L	.70	.60	.90	1.9	2.1	2.3	1.2	1.0	1.5
	--	--	--	.98	4.0	--	--	--	.80
SELENIUM UG/L									
SILICA MG/L	2	3	1	13	2	2	2	0	4
SILVER UG/L	6.3	6.0	7.8	4.2	3.6	2.4	4.5	2.6	4.1
SODIUM MG/L	< .50	< .50	0	< .07	< .30	< .30	< .50	< .50	< .07
SPECIFIC COND UMHOS	2.1	2.0	2.0	2.1	6.5	10	5.0	4.9	2.4
	179	185	200	113	275	305	171	170	146
STRONTIUM UG/L									
SULFATE MG/L	48	60	35	27	67	78	49	40	35
TIN UG/L	32	11	14	15	18	25	20	16	35
TITANIUM UG/L	< 5.0	< 6.0	< 3.0	< 2.0	< 6.0	< 5.0	< 6.0	< 5.0	< 2.0
VANADIUM UG/L	6.0	6.0	< 2.0	3.0	100	210	27	19	1.0
	< 2.0	< 2.0	< 2.0	< 1.0	3.0	18	< 2.0	< 3.0	1.0
ZINC UG/L	< 110	< 120	110	< 65	< 250	< 200	< 240	< 100	< 70
ZIRCONIUM UG/L	< 5.0	< 6.0	< 5.0	ND	< 9.0	11	< 6.0	< 5.0	ND

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

CATTARAUGUS COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	420550078255201	OLEAN(C)-OLEAN CREEK
B	422122078495200	OTTO(T)-SPRINGS
C	420219078202500	PORTVILLE(V)-WELL
D	420913078583000	RANDOLPH(V)-WELL
E	420922078425800	SALAMANCA(C)-NEWTON RUN
F	422143079030500	SOUTH DAYTON(V)-WELL

SYSTEM(S) ON THIS PAGE...	A	A	A	B	C	D	E	F
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN
DATE.....	07/12/71	10/18/71	01/17/72	08/30/73	08/29/73	08/29/73	11/08/71	11/14/73
ALUMINUM UG/L	32	110	36	8500	17	58	7.0	9.0	20
ARSENIC UG/L	4	0	0	2	0	0	0	0	1
BARIUM UG/L	73	88	19	77	51	38	53	120	180
BERYLLIUM UG/L	< .80	< .60	< .20	< .40	< 2.0	< 2.0	< 1.0	< .80	< 2.0
BICARBONATE MG/L	112	113	51	58	138	141	114	129	248
BISMUTH UG/L	< 4.0	< 3.0	< 2.0	< 4.0	< 4.0	< 6.0	< 3.0	< 2.0	< 10
BORON UG/L	13	24	9.0	24	27	42	15	11	160
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	43	41	26	27	38	14	33	42	18
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	16	17	10	10	6.0	34	2.3	16	100
CHROMIUM UG/L	< 4	2	1	21	< 2	4	< 2	< 2	< 4
COBALT UG/L	< 2.0	< 3.0	< 2.0	< 4.0	< 4.0	< 6.0	< 3.0	< 4.0	< 4.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	26	20	13	580	22	23	22	2.0	30
CYANIDE MG/L	0	0	0	.01	.03	0	.01	0	0
DISS SOLIDS SUM MG/L	171	174	109	110	155	253	130	164	398
FLUORIDE MG/L	.10	.70	.50	.90	.40	.90	.40	.30	.70
GALLIUM UG/L	< 3.0	< .90	< .50	< 4.0	< 2.0	< 3.0	< 2.0	< .80	< 5.0
GERMANIUM UG/L	< 6.0	< 4.0	< 3.0	< 9.0	< 4.0	< 6.0	< 3.0	< 4.0	< 10
HARDNESS TOTAL MG/L	133	128	81	82	122	48	110	138	61
HARDNESS NONCARB MG/L	41	36	39	35	9	0	16	25	0
IRON UG/L	19	70	7.0	2300	375	17	< 3.0	13	430
LEAD UG/L	< 3.0	2.0	< 2.0	24	< 4.0	< 6.0	< 3.0	< 4.0	< 8.0
LITHIUM UG/L	9.0	10	< 10	10	10	30	0	< 10	30
MAGNESIUM MG/L	6.3	6.3	3.9	3.6	6.7	3.1	6.6	6.2	4.0
MANGANESE UG/L	< 4.0	4.0	.78	91	15	< 4.0	< 2.0	< 2.0	58
MBAS MG/L	.02	.02	.04	.03	.02	.01	0	.02	0
MERCURY UG/L	.80	< .50	< .50	< .50	< .50	< .50	.70	< .50	< .50
MOLYBDENUM UG/L	1.0	< .90	< .50	< .80	< 2.0	< 3.0	< 2.0	< .80	7.0
NICKEL UG/L	< 2.0	< 3.0	< 2.0	8.0	< 4.0	< 6.0	< 3.0	< 6.0	4.0
NITRATE AS N MG/L	.58	.80	.80	.78	.24	.06	.46	1.2	.36
NITRITE AS N MG/L	0	--	--	--	0	.02	0	--	.13
NITROGEN NH4 AS N MG/L	.01	--	--	--	.02	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.28	.32	.03	.04	.02	.05	.02	.11	.16
PH UNITS	7.4	7.3	7.0	6.8	7.7	8.1	8.2	7.9	8.0
PHENOLS UG/L	2.0	0	1.0	0	--	--	--	1.0	--
PHOSPHORUS AS P MG/L	0	.55	.09	.13	.08	.52	.01	.56	.01
POTASSIUM MG/L	1.9	2.1	1.1	1.0	1.2	1.5	.90	.90	3.7
RUBIDIUM UG/L	.88	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	2	11	0	--	1	0	7	0
SILICA MG/L	3.5	2.4	4.4	2.8	8.1	9.3	6.0	6.3	6.6
SILVER UG/L	< .30	< .30	< .20	< .80	0	< .80	0	< .80	< .80
SODIUM MG/L	7.2	11	5.2	5.2	4.8	78	4.3	8.5	130
SPECIFIC COND UMHOS	294	319	192	202	269	440	227	307	742
STRONTIUM UG/L	56	81	23	44	85	160	58	60	140
SULFATE MG/L	37	37	32	30	18	23	20	19	13
TIN UG/L	< 6.0	< 4.0	< 3.0	< 9.0	< 4.0	< 6.0	< 3.0	< 8.0	< 10
TITANIUM UG/L	< 3.0	4.0	.50	770	< 1.0	< 4.0	< 2.0	< 2.0	< 5.0
VANADIUM UG/L	< 2.0	< 4.0	.80	8.0	< 3.0	3.0	< 2.0	< 2.0	6.0
ZINC UG/L	< 230	190	< 120	240	290	20	10	< 170	30
ZIRCONIUM UG/L	< 8.0	< 9.0	< 3.0	150	< 6.0	< 10	< 5.0	< 8.0	< 10

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

CATTARAUGUS COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	422424078364300	WEST VALLEY-SPRING
SYSTEM(S) ON THIS PAGE..	A		
TYPE OF WATER SAMPLED...	DISTRIB		
DATE.....	08/30/73		
ALUMINUM UG/L	15		
ARSENIC UG/L	0		
BARIUM UG/L	140		
BERYLLIUM UG/L	< 2.0		
BICARBONATE MG/L	139		
BISMUTH UG/L	< 4.0		
BORON UG/L	11		
CADMIUM UG/L	0		
CALCIUM MG/L	42		
CARBONATE MG/L	0		
CHLORIDE MG/L	12		
CHROMIUM UG/L	< 2		
COBALT UG/L	< 4.0		
COLIFORM COL/100 ML	--		
COPPER UG/L	4.0		
CYANIDE MG/L	.04		
DISS SOLIDS SUM MG/L	165		
FLUORIDE MG/L	.40		
GALLIUM UG/L	< 2.0		
GERMANIUM UG/L	< 4.0		
HARDNESS TOTAL MG/L	126		
HARDNESS NONCARB MG/L	12		
IRON UG/L	10		
LEAD UG/L	< 4.0		
LITHIUM UG/L	--		
MAGNESIUM MG/L	5.2		
MANGANESE UG/L	5.0		
MBAS MG/L	.01		
MERCURY UG/L	.50		
MOLYBDENUM UG/L	< 2.0		
NICKEL UG/L	< 4.0		
NITRATE AS N MG/L	.17		
NITRITE AS N MG/L	0		
NITROGEN NH4 AS N MG/L	--		
NITROGEN NH4+ORG-N MG/L	.02		
PH UNITS	7.8		
PHENOLS UG/L	--		
PHOSPHORUS AS P MG/L	.02		
POTASSIUM MG/L	.80		
RUBIDIUM UG/L	--		
SELENIUM UG/L	--		
SILICA MG/L	8.4		
SILVER UG/L	0		
SODIUM MG/L	11		
SPECIFIC COND UMHOS	261		
STRONTIUM UG/L	50		
SULFATE MG/L	17		
TIN UG/L	< 4.0		
TITANIUM UG/L	< 3.0		
VANADIUM UG/L	< 2.0		
ZINC UG/L	60		
ZIRCONIUM UG/L	< 0.0		

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

CAYUGA COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	425508076325900	AUBURN(C)-OWASCO LAKE OUTLET

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	10/27/70	07/14/71	10/20/71	01/19/72	04/12/72	07/13/72	10/18/72	01/11/73	04/20/73
ALUMINUM UG/L	12	70	540	140	75	93	140	230	110
ARSENIC UG/L	0	0	0	1	1	1	2	0	0
BARIUM UG/L	29	34	43	39	31	26	31	27	24
BERYLLIUM UG/L	< .48	< 1.0	< .98	< .90	< 2.0	< .78	< .88	< 2.0	< .88
BICARBONATE MG/L	124	136	129	138	140	131	136	139	141
BISMUTH UG/L	< 4.0	< 6.0	< 5.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
BORON UG/L	12	11	13	14	18	8.0	13	14	9.0
CADMIUM UG/L	1	0	0	0	0	0	0	0	0
CALCIUM MG/L	39	44	40	42	44	41	43	42	45
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	7.5	7.7	7.3	7.7	7.8	8.5	7.5	7.2	7.6
CHROMIUM UG/L	< 4	< 4	< 5	< 4	< 9	< 4	< 4	< 4	< 4
COBALT UG/L	< 4.0	< 2.0	5.0	< 3.0	< 9.0	< 4.0	< 2.0	< 4.0	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	3.0	5.0	1.0	2.0	1.0	4.0	4.0	28	21
CYANIDE MG/L	0	.01	0	0	0	0	.01	0	.01
DISS SOLIDS SUM MG/L	144	154	149	158	163	149	154	154	158
FLUORIDE MG/L	.10	0	.10	.10	.10	.10	.10	.10	0
GALLIUM UG/L	ND	< 2.0	< 2.0	< .90	< 4.0	< 4.0	< 2.0	< 2.0	< 2.0
GERMANIUM UG/L	< 4.0	< 8.0	< 9.0	< 4.0	< 9.0	< 8.0	< 8.0	< 4.0	< 4.0
HARDNESS TOTAL MG/L	122	140	128	142	145	133	142	139	145
HARDNESS NONCARB MG/L	21	28	22	28	30	26	30	25	30
IRON UG/L	8.0	83	520	128	98	90	86	140	74
LEAD UG/L	< 4.0	< 3.0	< 2.0	< 4.0	< 4.0	< 4.0	2.0	4.0	< 4.0
LITHIUM UG/L	1.0	.90	< 10	< 10	< 10	< 10	< 10	< 10	--
MAGNESIUM MG/L	6.1	7.2	6.8	8.9	8.6	7.5	8.3	8.2	8.0
MANGANESE UG/L	< 2.0	5.0	13	15	9.0	7.0	6.0	10	5.0
MBAS MG/L	.01	.03	.02	.02	.02	.02	.02	.02	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	.60	< .88	< .90	< 1.0	< .90	< .78	< .88	< 2.0	< 2.0
NICKEL UG/L	< 2.0	< 3.0	< 2.0	< 3.0	< 9.0	< 4.0	< 2.0	< 4.0	< 3.0
NITRATE AS N MG/L	.54	.60	.60	.40	.98	.90	.88	.90	.90
NITRITE AS N MG/L	.01	.02	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	.01	.05	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	--	.33	.28	.14	.24	.39	.35	.19	.29
PH UNITS	8.0	8.2	8.1	8.1	8.2	8.2	8.3	8.3	8.0
PHENOLS UG/L	0	1.0	0	--	1.0	--	--	--	--
PHOSPHORUS AS P MG/L	.02	.01	.03	.01	.04	.01	.01	.01	.01
POTASSIUM MG/L	1.0	1.1	1.6	1.2	1.2	1.1	1.2	1.1	1.2
RUBIDIUM UG/L	< 2.0	< 2.0	--	--	--	--	--	--	--
SELENIUM UG/L	0	3	0	2	3	0	2	0	1
SILICA MG/L	2.4	2.3	2.1	3.4	3.5	2.7	1.5	2.5	2.5
SILVER UG/L	< .40	< .40	< .40	< .38	< .90	< .78	< .40	< .40	< .40
SODIUM MG/L	3.5	4.0	4.4	4.3	4.4	3.7	4.1	3.9	4.1
SPECIFIC COND UMHOS	274	479	264	283	296	272	278	287	285
STRONTIUM UG/L	75	81	110	82	63	55	65	70	72
SULFATE MG/L	23	20	23	22	24	21	21	20	19
TIN UG/L	< 4.0	< 4.0	< 9.0	< 4.0	< 9.0	< 8.0	< 4.0	< 4.0	< 4.0
TITANIUM UG/L	< 2.0	2.0	15	7.0	< 4.0	4.0	4.0	< 4.0	< 4.0
VANADIUM UG/L	< 4.0	< 4.0	< 2.0	< 3.0	< 4.0	< 2.0	< 2.0	< 4.0	< 3.0
ZINC UG/L	< 240	< 238	< 428	< 190	< 410	< 340	< 230	30	30
ZIRCONIUM UG/L	ND	< 8.0	< 9.0	< 9.0	< 9.0	< 8.0	< 8.0	< 8.0	< 8.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

CAYUGA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	425508076325900	AUBURN(C)-OWASCO LAKE OUTLET
B	425508076325901	AUBURN(C)-OWASCO LAKE OUTLET

SYSTEM(S) ON THIS PAGE..	A	A	A	A	B	B	B	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	06/10/74	09/11/74	12/10/74	03/13/75	10/27/70	07/14/71	10/20/71	01/19/72	04/12/72
ALUMINUM UG/L	35	100	60	100	11	16	100	95	81
ARSENIC UG/L	0	1	1	1	0	0	0	0	0
BARIUM UG/L	26	32	31	26	33	29	35	33	32
BERYLLIUM UG/L	< 1.0	< .20	< .30	< .30	< .40	< 1.0	< .80	< .90	< 2.0
BICARBONATE MG/L	130	128	137	139	124	134	124	135	137
BISMUTH UG/L	< 4.0	< .80	< 2.0	< 1.0	< 4.0	< 6.0	< 4.0	< 4.0	< 5.0
BORON UG/L	11	12	15	9.0	12	4.0	12	13	10
CADMIUM UG/L	0	0	0	0	--	0	0	0	0
CALCIUM MG/L	43	35	43	39	39	43	39	43	45
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	8.1	7.3	8.7	8.3	8.3	9.0	8.4	9.0	9.5
CHROMIUM UG/L	< 2	< 1	< 2	< 2	< 4	< 4	< 4	< 4	< 9
COBALT UG/L	< 3.0	< .80	< 2.0	< 1.0	< 4.0	< 2.0	< 2.0	< 3.0	< 9.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	1.0	2.0	6.0	11	6.0	25	30	13	10
CYANIDE MG/L	0	0	.01	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	150	141	155	154	145	154	147	160	164
FLUORIDE MG/L	.10	.20	.10	.10	.10	.10	.10	.10	.10
GALLIUM UG/L	< 2.0	< .40	< .60	< .50	ND	< 2.0	< 2.0	< .90	< 5.0
GERMANIUM UG/L	< 3.0	< 2.0	< 2.0	< 1.0	< 4.0	< 8.0	< 8.0	< 4.0	< 9.0
HARDNESS TOTAL MG/L	141	120	143	134	122	139	125	143	148
HARDNESS NONCARB MG/L	35	15	30	20	21	29	24	32	36
IRON UG/L	35	100	45	150	12	17	32	21	72
LEAD UG/L	< 4.0	< 2.0	< 2.0	1.0	< 4.0	< 3.0	3.0	< 4.0	< 5.0
LITHIUM UG/L	< 1.0	1.0	< 1.0	.80	1.0	.70	< 10	< 10	< 10
MAGNESIUM MG/L	8.2	7.8	8.6	8.9	6.1	7.6	6.8	8.7	8.7
MANGANESE UG/L	6.0	14	6.0	7.0	< 2.0	2.0	< 2.0	4.0	7.0
MBAS MG/L	.03	.02	0	0	.01	.03	.02	.02	.01
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< .30	< .60	< .30	< .60	< .80	< .80	< 1.0	< .90
NICKEL UG/L	< 4.0	< .80	< 2.0	< .60	< 2.0	< 3.0	< 2.0	< 3.0	< 9.0
NITRATE AS N MG/L	.90	.66	.80	.91	.59	.70	.60	.80	.90
NITRITE AS N MG/L	.01	0	0	.01	0	0	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.25	.08	.21	.27	--	0	.06	--	--
						.23	.15	.10	.10
PH UNITS	7.5	7.5	7.4	7.6	7.9	8.0	7.8	7.9	8.2
PHENOLS UG/L	--	--	--	--	--	0	0	0	0
PHOSPHORUS AS P MG/L	.01	.01	.01	.01	.03	0	.01	.01	.02
POTASSIUM MG/L	--	1.1	1.0	1.6	1.0	1.1	1.3	1.2	1.2
RUBIDIUM UG/L	--	--	--	--	< 2.0	< 2.0	--	--	--
SELENIUM UG/L	0	2	0	0	1	0	2	2	2
SILICA MG/L	1.6	.50	1.2	1.4	2.4	2.8	2.1	3.3	3.5
SILVER UG/L	< .40	< .20	< .20	< .20	< .40	< .40	< .40	< .30	< .90
SODIUM MG/L	4.1	6.0	4.3	4.9	3.6	4.2	4.5	4.2	4.2
SPECIFIC COND UMHOS	420	325	350	290	278	286	269	285	297
STRONTIUM UG/L	74	82	70	67	82	68	100	74	64
SULFATE MG/L	20	19	20	21	23	20	23	23	24
TIN UG/L	< 4.0	< 2.0	< 2.0	< 2.0	< 4.0	< 4.0	< 8.0	< 4.0	< 9.0
TITANIUM UG/L	< 4.0	< 2.0	4.0	3.0	< 3.0	< 2.0	< .80	< 3.0	< 5.0
VANADIUM UG/L	< 2.0	< .80	< 1.0	< 1.0	< 4.0	< 4.0	< 2.0	< 3.0	< 5.0
ZINC UG/L	390	30	20	10	< 250	< 230	< 370	< 190	< 410
ZIRCONIUM UG/L	< 5.0	< 2.0	< 2.0	< 2.0	ND	< 8.0	< 8.0	< 9.0	< 9.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

CAYUGA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	425508076325901	AUBURN(C)-OWASCO LAKE OUTLET
B	424439076420001	AURORA(V)-WELLS

SYSTEM(S) ON THIS PAGE	A	A	A	A	A	A	A	A	B
TYPE OF WATER SAMPLED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	RAW
DATE	07/13/72	10/18/72	01/11/73	04/20/73	06/10/74	09/11/74	12/10/74	03/13/75	02/01/72
ALUMINUM UG/L	95	170	350	100	100	220	38	50	16
ARSENIC UG/L	0	1	0	0	0	1	1	0	1
BARIUM UG/L	29	28	24	23	23	32	29	22	33
BERYLLIUM UG/L	< .80	< .80	< 2.0	< .40	< 1.0	< .20	< .30	< .30	< 4.0
BICARBONATE MG/L	128	132	136	140	126	127	135	135	126
BISMUTH UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< .80	< 2.0	< 1.0	< 15
BORON UG/L	7.0	12	12	10	9.0	12	15	7.0	13
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	41	43	44	44	40	34	39	40	45
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	7.8	8.1	8.2	7.5	8.8	9.1	9.3	9.2	98
CHROMIUM UG/L	< 4	< 4	< 4	< 4	< 2	< 1	< 2	< 2	< 15
COBALT UG/L	< 4.0	< 2.0	< 4.0	< 2.0	< 3.0	< .80	< 2.0	< 1.0	< 7.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	20	34	5.0	6.0	7.0	9.0	31	7.0	4.0
CYANIDE MG/L	.01	.01	0	0	0	.01	.01	0	0
DISS SOLIDS SUM MG/L	150	154	158	158	147	143	156	153	310
FLUORIDE MG/L	.10	.10	.10	.10	.20	.30	.10	.20	.10
GALLIUM UG/L	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< .40	< .60	< .50	< 2.0
GERMANIUM UG/L	< 8.0	< 8.0	< 4.0	< 4.0	< 3.0	< 2.0	< 2.0	< 1.0	< 15
HARDNESS TOTAL MG/L	135	141	143	143	134	119	132	135	153
HARDNESS NONCARB MG/L	30	33	31	28	31	15	22	25	49
IRON UG/L	77	22	59	16	5.0	40	20	50	67
LEAD UG/L	< 4.0	< 2.0	< 4.0	< 4.0	< 4.0	< 2.0	< 2.0	< .60	< 7.0
LITHIUM UG/L	< 10	< 10	< 10	--	< 1.0	1.0	< 1.0	< .30	< 10
MAGNESIUM MG/L	8.0	8.2	8.0	8.0	8.4	8.4	8.5	8.6	9.8
MANGANESE UG/L	5.0	< 2.0	< 4.0	< 2.0	< 3.0	3.0	2.0	2.0	< 5.0
MBAS MG/L	.02	.02	.02	.02	.03	.02	0	0	.04
MERCURY UG/L	< .50	< .50	< .50	3.0	< .50	.50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .80	< .80	< 2.0	< 2.0	< 2.0	< .40	< .60	< .30	< 4.0
NICKEL UG/L	< 4.0	< 2.0	< 4.0	< 3.0	< 4.0	< .80	< 1.0	< .60	< 7.0
NITRATE AS N MG/L	.90	.80	1.1	.90	.94	.70	.81	.98	.70
NITRITE AS N MG/L	--	--	--	--	.01	0	0	.01	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.51	.20	.04	.12	.17	.06	.14	.18	.27
PH UNITS	8.0	8.1	7.9	8.1	7.6	7.4	7.2	7.5	7.8
PHENOLS UG/L	--	--	--	--	--	--	--	--	11
PHOSPHORUS AS P MG/L	.02	.00	.00	.00	.01	.01	.01	.01	0
POTASSIUM MG/L	1.2	1.2	1.1	1.2	1.0	1.0	1.4	1.3	2.0
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	3	2	1	0	2	0	0	0
SILICA MG/L	2.9	1.5	2.4	2.1	1.6	.80	1.3	1.4	.90
SILVER UG/L	< .80	< .40	< .40	< .40	< .40	< .20	< .20	< .20	< 2.0
SODIUM MG/L	3.7	4.3	3.9	4.0	4.1	6.4	4.0	4.4	56
SPECIFIC COND UMHOS	270	280	286	295	400	295	355	295	572
STRONTIUM UG/L	80	93	88	70	73	81	71	58	270
SULFATE MG/L	21	22	22	21	20	20	19	21	44
TIN UG/L	< 8.0	< 4.0	< 4.0	< 4.0	< 4.0	< 2.0	< 2.0	< 2.0	< 15
TITANIUM UG/L	< 4.0	< 2.0	< 4.0	< 4.0	< 4.0	< 2.0	2.0	2.0	< 7.0
VANADIUM UG/L	< 2.0	< 2.0	< 4.0	< 3.0	< 2.0	< .80	< 1.0	< 1.0	< 7.0
ZINC UG/L	< 350	< 240	< 250	0	0	0	10	10	< 120
ZIRCONIUM UG/L	< 8.0	< 8.0	< 8.0	< 6.0	< 5.0	< 2.0	< 2.0	< 2.0	< 15

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

CAYUGA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	424439076420000	AURORA(V)-WELLS
B	431100076340001	CATO(V)-WELL
C	425447076434300	CAYUGA(V)-CAYUGA LAKE
D	425447076434301	CAYUGA(V)-CAYUGA LAKE
E	431859076420800	FAIRHAVEN(V)-SPRINGS
F	424000076320000	GENOA AND CAYUGA FERRY RD-WELL
G	423945076255000	LOCKE RD-WELL

SYSTEM(S) ON THIS PAGE...	A	B	C	C	D	D	E	F	G
TYPE OF WATER SAMPLED...	TREATED	RAW	RAW	RAW	TREATED	TREATED	DISTRBN	DISTRBN	DISTRBN
DATE.....	02/01/72	02/05/73	10/28/70	02/01/72	10/28/70	02/01/72	01/31/72	11/06/73	01/15/73
ALUMINUM UG/L	11	10	20	240	30	98	3.0	5.0	39
ARSENIC UG/L	1	0	10	2	10	1	0	< 1	0
BARIUM UG/L	35	40	39	41	36	39	140	170	200
BERYLLIUM UG/L	< 4.0	< 3.0	< .70	< 4.0	< .70	< 4.0	< .80	< 2.0	3.0
BICARBONATE MG/L	122	346	114	139	106	131	128	240	264
BISMUTH UG/L	< 15	< 10	< 7.0	< 15	< 7.0	< 10	< 4.0	< 7.0	< 7.0
BORON UG/L	16	34	12	11	13	11	10	8.0	70
CADMIUM UG/L	0	0	1	0	0	0	0	0	0
CALCIUM MG/L	46	91	42	52	44	52	36	36	78
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	90	28	90	90	95	100	4.0	14	12
CHROMIUM UG/L	< 15	< 10	< 7	< 10	< 7	< 10	< 4	< 3	< 7
COBALT UG/L	< 7.0	< 10	< 7.0	< 8.0	< 7.0	< 8.0	< 4.0	< 7.0	< 7.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	320	4.0	4.0	2.0	4.0	4.0	9.0	42	19
CYANIDE MG/L	0	.01	0	0	0	0	0	0	.02
DISS SOLIDS SUM MG/L	310	440	304	336	306	341	139	236	294
FLUORIDE MG/L	.20	.10	.20	.10	.20	.20	.10	.10	.20
GALLIUM UG/L	< 2.0	< 3.0	ND	< 4.0	ND	< 4.0	< .80	< 3.0	< 4.0
GERMANIUM UG/L	< 15	< 14	< 7.0	< 16	< 7.0	< 16	< 4.0	< 7.0	< 7.0
HARDNESS TOTAL MG/L	152	384	139	171	143	169	129	172	273
HARDNESS NONCARB MG/L	52	100	46	57	56	62	24	0	52
IRON UG/L	27	61	15	93	25	58	4.0	94	5300
LEAD UG/L	< 7.0	< 10	< 7.0	< 16	< 7.0	< 16	< 4.0	< 7.0	10
LITHIUM UG/L	< 10	20	5.0	< 10	6.0	< 10	< 10	0	30
MAGNESIUM MG/L	9.0	38	8.4	10	8.1	9.6	9.6	20	19
MANGANESE UG/L	< 5.0	40	< 3.0	8.0	< 3.0	< 4.0	< 4.0	24	75
MBAS MG/L	.04	.02	.02	.04	.04	.04	.03	.01	0
MERCURY UG/L	< .50	.90	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 4.0	< 3.0	< 1.0	< 4.0	< 1.0	< 4.0	< .60	< 3.0	< 4.0
NICKEL UG/L	< 7.0	< 7.0	< 3.0	< 8.0	< 3.0	< 8.0	< 4.0	< 7.0	< 7.0
NITRATE AS N MG/L	.70	.30	.20	.70	.20	.70	1.4	.07	.04
NITRITE AS N MG/L	--	--	0	--	0	--	--	.00	--
NITROGEN NH4 AS N MG/L	--	--	.02	--	.01	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.26	.01	--	.38	--	.24	0	.04	0
PH UNITS	7.7	7.6	7.7	7.8	7.6	7.5	8.1	7.4	7.7
PHENOLS UG/L	2.0	--	0	2.0	0	0	0	--	--
PHOSPHORUS AS P MG/L	.01	.01	.04	.01	.04	.01	.01	0	.01
POTASSIUM MG/L	2.0	4.1	2.3	2.1	2.2	2.1	.70	.90	.50
RUBIDIUM UG/L	--	--	< 3.0	--	< 3.0	--	--	--	--
SELENIUM UG/L	0	<	1	2	1	0	1	1	2
SILICA MG/L	.90	9.6	.60	.60	.50	.40	8.1	9.8	10
SILVER UG/L	< 2.0	< 1.0	< .70	< 2.0	< .70	< 2.0	< .80	< 1.0	< .70
SODIUM MG/L	56	19	58	58	52	56	24	8.0	7.8
SPECIFIC COND UMHOS	574	723	587	606	591	604	253	526	500
STRONTIUM UG/L	280	410	470	400	440	340	97	110	190
SULFATE MG/L	45	82	54	56	52	55	13	34	39
TIN UG/L	< 15	< 10	< 7.0	< 16	< 7.0	< 16	< 8.0	< 7.0	< 7.0
TITANIUM UG/L	< 7.0	< 5.0	< 5.0	< 8.0	< 5.0	< 8.0	< 2.0	< 3.0	< 7.0
VANADIUM UG/L	< 7.0	< 10	< 7.0	< 16	< 7.0	< 16	< 2.0	< 3.0	< 7.0
ZINC UG/L	< 320	220	< 440	< 350	< 470	< 340	< 370	60	< 470
ZIRCONIUM UG/L	< 15	< 14	ND	< 35	ND	< 34	< 8.0	< 7.0	< 15

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

CAYUGA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	424244076252000	MORAVIA(V)-SPRINGS
B	425110076290200	OWASCO WD #1&2-OWASCO LAKE
C	425110076290201	OWASCO WD #1&2-OWASCO LAKE
D	425026076413501	UNION SP<IVoS(V)-WELL
E	425026076413500	UNION SP<IVoS(V)-WELL
F	430400076330001	WEEDSPORT(V)-SPRINGS

SYSTEM(S) ON THIS PAGE...	A	B	C	D	E	F
TYPE OF WATER SAMPLED...	DISTRIB	RAW	TREATED	RAW	DISTRIB	RAW
DATE.....	02/01/72	02/01/72	02/01/72	01/15/73	02/01/72	01/15/73
ALUMINUM UG/L	90	110	57	14	15	27
ARSENIC UG/L	0	1	1	0	0	10
BARIUM UG/L	29	33	32	56	78	40
BERYLLIUM UG/L	< 3.0	< 2.0	< 2.0	< 3.0	< 6.0	< 3.0
BICARBONATE MG/L	172	133	134	358	326	351
BISMUTH UG/L	< 11	< 9.0	< 9.0	< 10	< 25	< 10
BORON UG/L	6.0	11	11	8.0	28	< 10
CADMIUM UG/L	0	0	0	0	0	0
CALCIUM MG/L	58	42	42	130	132	120
CARBONATE MG/L	0	0	0	0	0	0
CHLORIDE MG/L	11	8.9	9.6	12	28	11
CHROMIUM UG/L	< 11	< 9	< 9	< 10	< 25	< 10
COBALT UG/L	< 5.0	< 4.0	< 4.0	< 10	< 12	< 10
COLIFORM COL/100 ML	--	--	--	--	--	--
COPPER UG/L	17	3.0	6.0	3.0	360	4.0
CYANIDE MG/L	0	0	0	.01	0	.02
DISS SOLIDS SUM MG/L	206	158	160	467	545	504
FLUORIDE MG/L	.10	.10	.10	.30	.30	.50
GALLIUM UG/L	< 1.0	< .90	< .90	< 4.0	< 1.0	< 4.0
GERMANIUM UG/L	< 11	< 9.0	< 9.0	< 7.0	< 25	< 8.0
HARDNESS TOTAL MG/L	181	140	140	456	444	431
HARDNESS NONCARB MG/L	40	31	30	163	182	143
IRON UG/L	70	98	66	12	6.0	48
LEAD UG/L	< 5.0	< 4.0	< 4.0	< 10	< 12	< 10
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	8.7	8.5	8.5	32	29	32
MANGANESE UG/L	4.0	14	9.0	< 5.0	< 4.0	5.0
MBAS MG/L	.04	.03	.02	.03	.03	.04
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 3.0	< 2.0	< 2.0	< 4.0	< 6.0	< 4.0
NICKEL UG/L	< 5.0	< 4.0	< 4.0	< 10	< 12	< 10
NITRATE AS N MG/L	2.9	.40	.40	3.0	1.4	4.2
NITRITE AS N MG/L	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.13	.32	.34	.59	1.2	0
PH UNITS	7.7	7.7	7.7	7.7	7.4	8.0
PHENOLS UG/L	2.0	2.0	--	--	2.0	--
PHOSPHORUS AS P MG/L	.03	.01	.01	0	0	.00
POTASSIUM MG/L	.70	1.2	1.2	1.0	1.9	1.8
RUTHIUM UG/L	--	--	--	--	--	--
SELENIUM UG/L	0	0	4	8	4	8
SILICA MG/L	5.0	3.4	3.4	6.0	5.9	7.2
SILVER UG/L	< 1.0	< .90	< .90	< 1.0	< 3.0	< 1.0
SODIUM MG/L	4.6	4.4	4.4	8.4	16	4.3
SPECIFIC COND UMHOS	305	288	288	734	855	802
STRONTIUM UG/L	91	87	85	1600	2600	320
SULFATE MG/L	26	23	24	99	170	150
TIN UG/L	< 11	< 9.0	< 9.0	< 10	< 25	< 10
TITANIUM UG/L	5.0	6.0	< 4.0	< 7.0	< 12	< 8.0
VANADIUM UG/L	< 5.0	< 4.0	< 4.0	< 7.0	< 12	< 8.0
ZINC UG/L	< 230	< 190	< 190	30	< 540	40
ZIRCONIUM UG/L	< 11	< 9.0	< 9.0	< 15	< 25	< 18

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

CHAUTAUQUA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	422320079263100	HROCTON(V)-SLIPPERY ROCK CREEK
B	422033079184000	CASSADAGA(V)-WELL
C	421243079280200	CHAUTAUQUA INSTITUTE-CHAUTAUQUA LAKE
D	421243079280201	CHAUTAUQUA INSTITUTE-CHAUTAUQUA LAKE
E	421742079060000	CHERRY CREEK(V)-SPRINGS
F	422912079203300	DUNKIRK (C)-LAKE ERIE

SYSTEM(S) ON THIS PAGE...	A	B	C	D	E	F	F	F	F
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	RAW	TREATED	DISTRBN	RAW	RAW	RAW	RAW
DATE.....	05/30/72	11/04/71	11/16/70	11/16/70	05/30/72	11/16/70	07/12/71	10/18/71	01/17/72
ALUMINUM UG/L	200	40	70	27	22	45	120	150	2080
ARSENIC UG/L	2	0	0	0	1	0	9	0	1
BARIUM UG/L	41	64	26	29	98	29	26	31	68
BERYLLIUM UG/L	< 1.0	< 1.0	< .30	< .30	< 2.0	< .00	< .90	< .70	< 2.0
BICARBONATE MG/L	68	160	66	56	104	118	115	112	118
BISMUTH UG/L	< 3.0	< 3.0	< 2.0	< 2.0	< 3.0	< 3.0	< 5.0	< 3.0	< 6.0
BORON UG/L	13	23	18	16	15	43	14	26	58
CADMIUM UG/L	0	0	1	0	0	2	0	0	0
CALCIUM MG/L	26	50	21	21	36	42	34	38	42
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	4.5	26	6.1	8.1	2.5	25	26	24	28
CHROMIUM UG/L	< 5	< 3	< 2	< 3	< 6	< 4	< 5	2	6
COBALT UG/L	< 3.0	< 5.0	< .60	< 1.0	< 3.0	< 2.0	< 2.0	< 3.0	< 6.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	< .50	690	3.0	2.0	6.0	2.0	2.0	29	4.0
CYANIDE MG/L	0	0	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	104	211	82	93	132	173	167	164	186
FLUORIDE MG/L	.10	.10	.10	0	.10	.20	.10	.20	.20
GALLIUM UG/L	< 3.0	< 1.0	ND	ND	< 3.0	ND	< 3.0	< 1.0	< 3.0
GERMANIUM UG/L	< 5.0	< 5.0	< 2.0	< 3.0	< 6.0	< 4.0	< 6.0	< 5.0	< 12
HARDNESS TOTAL MG/L	82	165	65	65	112	132	129	126	141
HARDNESS NONCARB MG/L	26	34	11	14	26	35	35	34	44
IRON UG/L	50	23	15	15	70	34	200	230	2300
LEAD UG/L	< 3.0	5.0	< 2.0	< 2.0	< 3.0	< 3.0	3.0	6.0	< 6.0
LITHIUM UG/L	< 10	< 10	.70	.00	< 10	4.0	3.0	< 10	< 10
MAGNESIUM MG/L	4.2	9.8	3.0	3.1	5.3	8.5	7.8	7.6	8.8
MANGANESE UG/L	12	45	< .90	8.0	2.0	4.0	38	15	48
MBAS MG/L	.02	.02	--	.02	.01	.01	.01	.02	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .50	< 1.0	.40	.40	< .60	2.0	1.0	2.0	< 3.0
NICKEL UG/L	< 3.0	< 11	< .90	< 1.0	3.0	< 2.0	2.0	7.0	15
NITRATE AS N MG/L	.07	.40	.10	.10	.30	.20	.24	.10	.20
NITRITE AS N MG/L	--	--	0	0	--	0	.02	--	--
NITROGEN NH4 AS N MG/L	--	--	.05	.02	--	.04	.11	--	--
NITROGEN NH4+ORG-N MG/L	.12	.20	--	--	0	--	.62	.27	0
PH UNITS	8.0	7.7	7.5	7.3	8.0	8.0	8.0	7.2	8.0
PHENOLS UG/L	--	2.0	0	0	--	0	--	--	0
PHOSPHORUS AS P MG/L	.01	0	.05	.04	0	.07	.04	.02	.06
POTASSIUM MG/L	.70	1.7	.90	.40	.80	1.2	1.8	1.4	1.9
RUBIDIUM UG/L	--	--	.80	.70	--	< 2.0	1.0	--	--
SELENIUM UG/L	0	2	8	4	1	0	3	0	4
SILICA MG/L	3.8	6.6	2.6	2.2	6.7	.40	.50	.20	.20
SILVER UG/L	< .50	< 1.0	.10	< .10	< .60	< .20	< .30	< .30	< 2.0
SODIUM MG/L	4.8	12	2.6	5.3	4.7	11	11	12	14
SPECIFIC COND UMHOS	197	381	153	174	235	329	314	311	332
STRONTIUM UG/L	50	84	43	41	75	140	140	230	220
SULFATE MG/L	26	26	13	25	25	28	24	25	33
TIN UG/L	< 5.0	< 11	< 2.0	< 3.0	< 6.0	< 4.0	< 6.0	< 5.0	< 12
TITANIUM UG/L	2.0	< 3.0	< .90	< 1.0	< 2.0	< 2.0	4.0	7.0	100
VANADIUM UG/L	< 3.0	< 3.0	< .90	< 1.0	< 3.0	< 2.0	< 2.0	< 5.0	3.0
ZINC UG/L	< 100	< 230	< 120	< 130	550	< 250	< 250	< 200	< 520
ZIRCONIUM UG/L	< 5.0	< 11	ND	ND	< 6.0	ND	< 9.0	< 10	< 12

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

CHAUTAUQUA COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	422912079203300	DUNKIRK (C)-LAKE ERIE

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	06/10/72	07/11/72	10/17/72	01/09/73	04/17/73	05/16/73	05/29/73	06/12/73	06/27/73
ALUMINUM UG/L	990	650	58000	14000	1600	2000	120	480	3400
ARSENIC UG/L	2	0	4	10	0	0	0	0	0
BARIUM UG/L	35	29	280	120	32	35	22	28	48
BERYLLIUM UG/L	< .90	< 2.0	4.0	< 3.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0
BICARBONATE MG/L	110	111	116	110	112	108	116	110	112
BISMUTH UG/L	< 5.0	< 4.0	< 15	< 8.0	< 5.0	< 5.0	< 4.0	< 4.0	< 5.0
BORON UG/L	28	52	110	100	29	26	18	9.0	34
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	40	38	41	41	43	42	40	38	40
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	26	25	25	24	27	29	23	23	24
CHROMIUM UG/L	4	< 4	97	24	< 5	< 5	< 2	< 2	7
COBALT UG/L	< 5.0	< 4.0	28	< 8.0	< 5.0	< 5.0	< 2.0	< 2.0	< 4.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	14	18	140	18	7.0	14	6.0	6.0	11
CYANIDE MG/L	0	0	0	0	.01	.02	.01	.01	.03
DISS SOLIDS SUM MG/L	172	167	172	173	177	185	167	160	184
FLUORIDE MG/L	.10	.10	.10	.10	.30	.30	.30	.20	.20
GALLIUM UG/L	< 5.0	< 4.0	12	4.0	< 2.0	< 3.0	< 2.0	< 2.0	< 3.0
GERMANIUM UG/L	< 9.0	< 9.0	< 33	< 8.0	< 7.0	< 5.0	< 4.0	< 4.0	< 5.0
HARDNESS TOTAL MG/L	132	129	137	136	140	141	134	129	133
HARDNESS NONCARB MG/L	42	38	42	46	44	52	38	38	41
IRON UG/L	1000	1000	37000	19000	1300	2200	188	830	4700
LEAD UG/L	4.0	< 4.0	41	18	< 5.0	< 5.0	< 2.0	< 2.0	6.0
LITHIUM UG/L	< 10	--	10	< 10	--	8	10	0	0
MAGNESIUM MG/L	7.8	8.4	8.5	8.2	7.9	8.7	8.2	8.2	8.0
MANGANESE UG/L	25	32	750	190	22	47	12	42	120
MBAS MG/L	.02	.01	0	.01	.01	.09	.02	.03	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	2.4	--	< .50	< .50	< .50
MOLYBDENUM UG/L	1.0	< 2.0	< 4.0	< 4.0	2.0	< 3.0	< 2.0	< 2.0	2.0
NICKEL UG/L	7.0	7.0	97	30	7.0	12	< 2.0	5.0	14
NITRATE AS N MG/L	.20	.20	.10	.20	.30	.88	.38	.47	.39
NITRITE AS N MG/L	--	--	--	--	--	.02	.02	.03	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.13	.35	.63	.33	.44	.47	.29	.29	.28
PH UNITS	7.3	8.0	8.1	7.6	8.0	7.3	8.0	7.8	7.9
PHENOLS UG/L	1.0	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.02	.02	.08	.11	.04	.04	.03	.06	.05
POTASSIUM MG/L	1.3	1.2	1.3	1.3	1.3	1.4	1.3	1.3	1.4
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	2	4	0	2	1	1	1	1
SILICA MG/L	.30	.20	.30	.50	.20	.20	.10	.25	.48
SILVER UG/L	< .90	< .30	< 2.0	< .40	< .50	< .50	< .50	< .50	< .50
SODIUM MG/L	12	11	11	11	13	13	11	11	11
SPECIFIC COND UMHOS	318	316	318	310	325	338	307	302	304
STRONTIUM UG/L	180	190	220	160	180	170	140	170	160
SULFATE MG/L	30	28	28	32	29	36	26	23	23
TIN UG/L	< 9.0	< 18	< 15	< 8.0	< 5.0	< 5.0	< 4.0	< 4.0	< 5.0
TITANIUM UG/L	57	48	5000	1500	65	47	< 4.0	10	240
VANADIUM UG/L	< 5.0	< 4.0	52	23	< 5.0	< 5.0	< 2.0	< 2.0	6.0
ZINC UG/L	< 190	< 360	< 1000	20	0	20	0	10	20
ZIRCONIUM UG/L	< 9.0	< 9.0	220	120	< 3.0	< 11	< 8.0	< 8.0	13

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

CHAUTAUQUA COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	422912079203300	DUNKIRK (C)-LAKE ERIE

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	07/11/73	07/23/73	08/08/73	08/21/73	09/05/73	09/20/73	10/03/73	10/16/73	10/30/73
ALUMINUM UG/L	2100	7000	63	2700	1700	5000	65	15000	6200
ARSENIC UG/L	10	10	0	0	0	1	1	1	2
BARIUM UG/L	35	55	26	52	34	50	26	100	61
BERYLLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0
BICARBONATE MG/L	114	116	116	116	115	115	110	116	120
BISMUTH UG/L	< 5.0	< 6.0	< 5.0	< 6.0	< 5.0	< 5.0	< 4.0	< 7.0	< 6.0
BORON UG/L	21	33	22	34	41	24	16	66	42
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	34	40	38	34	34	35	35	34	34
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	21	25	23	22	22	23	23	24	24
CHROMIUM UG/L	4	9	< 2	6	7	8	< 2	16	12
COBALT UG/L	< 3.0	< 3.0	< 2.0	< 6.0	< 5.0	< 4.0	< 4.0	7.0	< 6.0
COLIFORM CUL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	6.0	10	2.0	17	32	4.0	1.0	15	10
CYANIDE MG/L	.01	.02	.07	.01	.02	0	0	0	.01
DISS SOLIDS SUM MG/L	154	164	161	153	163	160	158	165	168
FLUORIDE MG/L	.20	.30	.20	.30	.30	.50	.40	.00	.30
GALLIUM UG/L	< 3.0	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	< 2.0	< 4.0	< 3.0
GERMANIUM UG/L	< 5.0	< 6.0	< 5.0	< 6.0	< 5.0	< 5.0	< 4.0	< 7.0	< 6.0
HARDNESS TOTAL MG/L	132	133	129	131	130	120	122	126	133
HARDNESS NONCARB MG/L	38	38	34	38	36	26	31	31	34
IRON UG/L	3000	6000	76	4500	3000	3000	80	12000	5400
LEAD UG/L	13	24	< 3.0	53	25	4.0	< 4.0	10	6.0
LITHIUM UG/L	0	< 6.0	10	0	0	0	0	0	0
MAGNESIUM MG/L	8.4	8.1	8.3	8.2	8.0	8.0	8.3	10	8.6
MANGANESE UG/L	85	170	7.0	250	210	83	7.0	260	150
MBAS MG/L	.01	0	.02	0	.02	0	.01	.01	0
MERCURY UG/L	.4	11	2.5	< .50	1.4	< .50	< .50	< .50	< .60
MOLYBDENUM UG/L	< 3.0	< 3.0	< 2.0	< 2.0	< 3.0	< 2.0	< 2.0	< 4.0	< 3.0
NICKEL UG/L	8.0	16	< 2.0	13	14	11	< 4.0	24	14
NITRATE AS N MG/L	.30	.35	.20	.10	.31	.08	.10	.02	.23
NITRITE AS N MG/L	.00	.01	.01	.02	0	.01	0	.01	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORGN MG/L	.33	.25	.17	.25	.19	.26	.21	.43	.18
PH UNITS	8.0	7.6	8.2	8.0	8.0	7.9	7.9	7.8	7.6
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.03	.04	.01	.02	.01	.04	.01	.08	.08
POTASSIUM MG/L	1.3	1.2	1.3	1.5	1.4	1.4	1.4	1.6	1.5
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	1	2	1	--	2	0	1	0
SILICA MG/L	.50	.40	.30	.30	.40	.40	.30	.35	1.2
SILVER UG/L	< .50	< .60	< .50	0	0	< .70	< .60	< 1.0	< .90
SODIUM MG/L	10	11	11	10	10	10	11	11	11
SPECIFIC COND UMHOS	306	313	303	302	294	310	307	319	318
STRONTIUM UG/L	120	150	130	200	170	150	170	170	190
SULFATE MG/L	22	25	22	26	25	25	24	26	23
TIN UG/L	5.0	< 6.0	< 5.0	8.0	< 5.0	< 5.0	< 4.0	< 7.0	< 6.0
TITANIUM UG/L	140	470	< 3.0	> 250	16	260	< 3.0	400	400
VANADIUM UG/L	3.0	10	< 2.0	6.0	3.0	7.0	< 2.0	20	7.0
ZINC UG/L	40	40	20	20	30	10	10	70	60
ZIRCONIUM UG/L	33	32	< 7.0	20	< 8.0	19	< 6.0	30	20

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

CHAUTAUQUA COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	422912079203300	DUNKIRK (C)-LAKE ERIE

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	11/14/73	11/28/73	12/13/73	12/27/73	01/08/74	01/21/74	02/05/74	02/20/74	03/06/74
ALUMINUM UG/L	4600	450	10000	12000	4800	800	480	100	1000
ARSENIC UG/L	2	1	1	5	1	3	< 1	1	1
BARIUM UG/L	56	37	80	110	50	34	31	34	33
BERYLLIUM UG/L	< 1.0	< 1.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0
BICARBONATE MG/L	121	113	113	94	115	112	107	112	100
BISMUTH UG/L	< 6.0	< 5.0	< 7.0	< 7.0	< 5.0	< 5.0	< 4.0	< 3.0	< 4.0
BORON UG/L	40	30	35	52	40	35	38	22	22
CADMIUM UG/L	0	0	0	0	1	0	0	0	0
CALCIUM MG/L	36	36	38	34	40	37	37	34	33
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	25	23	23	22	27	25	27	23	23
CHROMIUM UG/L	4	< 2	0	13	5	< 2	< 2	< 2	< 2
COBALT UG/L	< 6.0	< 2.0	< 5.0	3.0	< 5.0	< 5.0	< 4.0	< 4.0	< 2.0
COLIFORM CUL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	10	2.0	10	8.0	4.0	2.0	2.0	2.0	3.0
CYANIDE MG/L	.01	.01	.01	0	.01	0	.01	0	0
DISS SOLIDS SUM MG/L	172	163	161	153	175	166	165	159	151
FLUORIDE MG/L	.20	.30	.40	.30	.20	.20	.10	.20	.10
GALLIUM UG/L	< 3.0	< 2.0	3.0	4.0	< 3.0	< 2.0	< 2.0	< 1.0	< 1.0
GERMANIUM UG/L	< 6.0	< 4.0	< 7.0	< 6.0	< 6.0	< 5.0	< 4.0	< 4.0	< 3.0
HARDNESS TOTAL MG/L	125	131	130	116	133	127	127	118	114
HARDNESS NONCARB MG/L	26	38	37	39	39	36	39	26	32
IRON UG/L	4500	680	8200	9100	4000	770	460	90	1200
LEAD UG/L	5.0	< 3.0	8.0	5.0	< 5.0	< 5.0	< 4.0	< 3.0	< 2.0
LITHIUM UG/L	0	0	0	10	0	0	0	0	10
MAGNESIUM MG/L	8.6	9.9	8.5	7.5	8.1	8.5	8.3	8.0	7.7
MANGANESE UG/L	70	15	120	140	70	14	10	7.0	25
MBAS MG/L	0	0	.01	.02	.01	0	0	0	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 3.0	2.0	2.0	3.0	2.0	< 2.0	< 2.0	< 2.0	< 2.0
NICKEL UG/L	12	5.0	20	20	10	6.0	5.0	< 2.0	4.0
NITRATE AS N MG/L	.11	.15	.18	.47	.19	.26	.27	.19	.30
NITRITE AS N MG/L	.01	.01	.01	.01	.01	.01	.01	0	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	.09	--	--	--
NITROGEN NH4+ORG-N MG/L	.26	.19	.19	.59	.32	.24	.32	.12	.16
PH UNITS	7.8	7.9	7.9	7.6	7.8	7.9	7.9	7.9	7.7
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.03	.03	.02	.18	.08	.03	.02	.01	.02
POTASSIUM MG/L	1.7	1.5	1.6	1.7	1.7	1.3	1.2	1.3	.40
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	< 1	1	1	1	1	< 1	1
SILICA MG/L	.34	.22	.21	1.3	.18	.38	.10	0	.50
SILVER UG/L	< .80	< .40	< .78	< .80	< .50	< .50	< .50	< .40	< .40
SODIUM MG/L	12	12	11	9.4	12	12	11	11	10
SPECIFIC COND UMHOS	313	311	304	289	324	318	303	297	291
STRONTIUM UG/L	190	220	190	150	200	190	220	220	170
SULFATE MG/L	29	24	23	38	27	26	27	26	27
TIN UG/L	< 6.0	< 5.0	< 7.0	< 6.0	< 5.0	< 5.0	< 4.0	< 4.0	< 4.0
TITANIUM UG/L	400	20	650	950	280	50	14	4.0	35
VANADIUM UG/L	6.0	< 2.0	10	16	5.0	< 2.0	< 2.0	< 2.0	< 2.0
ZINC UG/L	40	20	0	30	30	10	40	10	40
ZIRCONIUM UG/L	30	< 5.0	30	20	12	< 7.0	< 7.0	< 7.0	< 4.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

CHAUTAUQUA COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	422912079203300	DUNKIRK (C)-LAKE ERIE
	B	422912079203301	DUNKIRK (C)-LAKE ERIE

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	TREATED
DATE.....	03/19/74	04/03/74	04/16/74	04/30/74	06/19/74	09/05/74	12/03/74	03/04/75	11/16/70
ALUMINUM UG/L	1200	640	1400	570	480	200	2000	17000	120
ARSENIC UG/L	1	1	< 1	1	2	2	1	1	0
BARIUM UG/L	37	34	40	31	25	30	43	150	25
BERYLLIUM UG/L	< 1.0	< 2.0	< 1.0	< 1.0	< 2.0	< .50	< .30	< .60	< .40
BICARBONATE MG/L	108	108	102	100	111	110	116	107	114
BISMUTH UG/L	< 5.0	< 5.0	< 5.0	< 5.0	< 4.0	< 2.0	< 2.0	< 3.0	< 3.0
BORON UG/L	24	24	33	26	23	30	31	100	39
CADMIUM UG/L	0	0	0	0	0	0	1	0	0
CALCIUM MG/L	39	35	39	37	37	42	36	40	42
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	28	23	24	28	24	24	22	32	27
CHROMIUM UG/L	< 2	< 2	2	< 2	< 2	2	4	15	< 4
COBALT UG/L	< 5.0	< 4.0	< 5.0	< 5.0	< 3.0	< 2.0	< 2.0	6.0	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	2.0	3.0	15	2.0	4.0	1.0	15	90	.90
CYANIDE MG/L	0	0	0	0	0	0	.01	.01	0
DISS SOLIDS SUM MG/L	170	156	160	164	161	182	162	181	180
FLUORIDE MG/L	.10	.10	.20	.10	.20	.40	.10	.20	.20
GALLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< .30	< .60	1.0	ND
GERMANIUM UG/L	< 5.0	< 5.0	< 5.0	< 5.0	< 4.0	< 2.0	< 2.0	< 3.0	< 4.0
HARDNESS TOTAL MG/L	131	120	129	126	128	143	124	134	132
HARDNESS NONCARB MG/L	42	31	45	44	37	48	29	46	39
IRON UG/L	1200	670	2000	670	580	220	2000	11000	9.0
LEAD UG/L	< 5.0	< 5.0	3.0	3.0	< 4.0	< 2.0	6.0	14	< 3.0
LITHIUM UG/L	0	0	0	0	3.0	2.0	3.0	10	5.0
MAGNESIUM MG/L	8.1	7.8	7.7	8.2	8.6	9.2	8.2	8.3	6.7
MANGANESE UG/L	30	20	36	18	14	14	60	220	2.0
MBAS MG/L	0	.02	.01	.01	.03	.02	0	0	.01
MERCURY UG/L	< .50	< .50	< .50	< .20	< .50	.50	< .50	< .50	< .50
MOLYBDENUM UG/L	1.0	< 2.0	2.0	< 2.0	< 2.0	2.0	1.0	1.0	2.0
NICKEL UG/L	5.0	6.0	7.0	4.0	4.0	3.0	5.0	23	< 2.0
NITRATE AS N MG/L	.25	.32	.43	.67	.50	.61	.15	.20	.20
NITRITE AS N MG/L	0	.01	.02	.01	.01	0	0	.01	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	.02
NITROGEN NH4+ORG-N MG/L	.29	.17	.34	.47	.29	.10	.25	.38	--
PH UNITS	7.7	7.8	7.6	7.9	7.9	7.6	7.0	7.3	7.9
PHENOLS UG/L	--	--	--	--	--	--	--	--	0
PHOSPHORUS AS P MG/L	.04	.02	.04	.03	.03	.02	.01	.08	.02
POTASSIUM MG/L	1.4	1.4	1.6	1.4	1.2	1.3	1.2	1.5	1.2
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	< 2.0
SELENIUM UG/L	1	0	0	1	1	3	0	0	3
SILICA MG/L	.10	.10	.10	0	.10	.50	.10	.60	.50
SILVER UG/L	< .50	< .50	< .50	< .20	< .40	< .09	< .20	< .30	< .20
SODIUM MG/L	12	10	10	12	10	20	11	14	11
SPECIFIC COND UMHOS	304	289	284	290	380	365	355	341	340
STRONTIUM UG/L	190	210	220	200	160	180	140	210	160
SULFATE MG/L	27	25	27	27	25	27	26	31	35
TIN UG/L	< 5.0	< 5.0	< 5.0	< 5.0	< 4.0	< 2.0	< 2.0	< 3.0	< 4.0
TITANIUM UG/L	58	24	65	12	18	12	150	1100	< 2.0
VANADIUM UG/L	< 2.0	< 2.0	2.0	< 2.0	< 2.0	< .60	1.0	22	< 2.0
ZINC UG/L	10	30	80	0	220	0	10	10	< 250
ZIRCONIUM UG/L	< 5.0	< 8.0	< 7.0	< 7.0	< 6.0	< 2.0	7.0	70	ND

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

CHAUTAUQUA COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	422912079203301	DUNKIRK (C)-LAKE ERIE

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	07/12/71	10/18/71	01/17/72	04/10/72	07/11/72	10/17/72	01/09/73	04/17/73	05/16/73
ALUMINUM UG/L	100	550	82	1200	550	370	370	600	200
ARSENIC UG/L	4	0	0	1	0	0	0	0	0
BARIUM UG/L	22	38	26	38	22	25	22	23	19
BERYLLIUM UG/L	< .98	< .78	< 1.0	< .40	< 2.0	< .80	< 2.0	< 2.0	< 2.0
BICARBONATE MG/L	113	114	115	104	109	105	103	103	103
BISMUTH UG/L	< 5.0	< 3.0	< 5.0	< 5.0	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0
BORON UG/L	13	30	32	30	44	24	20	21	13
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	43	41	44	40	40	40	42	43	44
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	25	26	28	27	26	27	25	27	31
CHROMIUM UG/L	< 5	2	< 5	10	< 4	< 4	< 4	< 4	< 5
COBALT UG/L	< 2.0	< 3.0	< 5.0	< 5.0	< 4.0	< 2.0	< 4.0	< 4.0	< 5.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	2.0	16	2.0	7.0	2.0	3.0	9.0	2.0	< 1.0
CYANIDE MG/L	0	0	0	0	0	0	0	.01	.01
DISS SOLIDS SUM MG/L	176	175	192	174	176	176	180	179	193
FLUORIDE MG/L	.10	.20	.20	.10	.10	.10	.10	.20	.30
GALLIUM UG/L	< 3.0	< .98	< 3.0	< 5.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0
GERMANIUM UG/L	< 6.0	< 5.0	< 10	< 10	< 4.0	< 8.0	< 4.0	< 6.0	< 5.0
HARDNESS TOTAL MG/L	136	130	145	130	134	134	139	139	146
HARDNESS NONCARB MG/L	45	36	51	44	45	48	54	55	61
IRON UG/L	47	270	80	600	130	130	86	72	12
LEAD UG/L	< 3.0	4.0	< 5.0	3.0	< 4.0	< 2.0	< 4.0	< 4.0	< 5.0
LITHIUM UG/L	6.0	< 10	< 10	< 10	--	< 10	10	--	0
MAGNESIUM MG/L	7.4	6.7	8.6	7.2	8.2	8.2	8.2	7.8	8.7
MANGANESE UG/L	< 5.0	4.0	< 3.0	15	6.0	3.0	< 3.0	4.0	< 3.0
MBAS MG/L	.01	.02	.03	.02	.01	.02	.02	.01	.00
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	1.6	< .50	.90	--
MOLYBDENUM UG/L	1.0	1.0	< 3.0	4.0	< 2.0	.98	< 2.0	2.0	< 2.0
NICKEL UG/L	< 2.0	4.0	< 5.0	6.0	4.0	< 2.0	< 4.0	< 4.0	< 5.0
NITRATE AS N MG/L	.17	0	.20	.20	.20	.05	.20	.20	.90
NITRITE AS N MG/L	0	--	--	--	--	--	--	--	.00
NITROGEN NH4 AS N MG/L	0	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.02	.36	.35	.17	.27	.24	.09	.17	.36
PH UNITS	7.8	7.8	7.9	7.1	7.8	8.0	7.3	7.9	7.5
PHENOLS UG/L	0	0	1.0	0	--	--	--	--	--
PHOSPHORUS AS P MG/L	.02	.01	.01	0	.00	.00	.01	.01	.00
POTASSIUM MG/L	1.9	1.5	1.2	1.3	1.3	1.3	1.2	1.3	1.4
RUBIDIUM UG/L	1.0	--	--	--	--	--	--	--	--
SELENIUM UG/L	3	0	1	0	0	1	0	1	1
SILICA MG/L	.30	.30	.20	.30	.20	.30	.50	.40	.20
SILVER UG/L	< .30	< .30	< 1.0	< .98	< .30	< .40	< .40	< .40	< .50
SODIUM MG/L	12	12	13	12	11	11	11	12	13
SPECIFIC COND UMHOS	326	320	346	324	330	323	326	335	351
STRONTIUM UG/L	140	190	200	190	160	160	160	170	170
SULFATE MG/L	31	31	40	35	36	36	41	37	43
TIN UG/L	< 6.0	< 5.0	< 10	< 10	< 17	< 4.0	< 4.0	< 4.0	< 5.0
TITANIUM UG/L	< 3.0	< 5.0	< 3.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 5.0
VANADIUM UG/L	< 2.0	< 5.0	< 3.0	6.0	< 4.0	< 2.0	< 4.0	< 4.0	< 5.0
ZINC UG/L	< 260	270	< 450	< 200	< 370	< 250	< 270	--	10
ZIRCONIUM UG/L	< 9.0	< 9.0	< 10	< 10	< 8.0	< 8.0	< 9.0	< 3.0	< 10

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

CHAUTAUQUA COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	422912079203301	DUNKIRK (C)-LAKE ERIE

SYSTEM(S) ON THIS PAGE...	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	05/24/73	06/12/73	06/27/73	07/11/73	07/23/73	08/08/73	08/21/73	09/05/73	09/20/73
ALUMINUM UG/L	100	340	270	63	120	300	500	500	530
ARSENIC UG/L	0	0	0	0	0	0	0	0	1
BARIUM UG/L	20	21	22	18	21	25	23	25	25
BERYLLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0
BICARBONATE MG/L	110	109	108	103	114	111	109	109	108
BISMUTH UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0	< 5.0	< 4.0	< 4.0	< 4.0
BORON UG/L	10	8.0	14	10	14	23	20	22	18
CADMIUM UG/L	0	0	0	0	0	0	0	1	0
CALCIUM MG/L	41	41	40	38	42	40	39	39	38
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	25	26	25	24	24	26	24	24	25
CHROMIUM UG/L	< 2	< 2	< 1	< 2	< 2	< 2	< 2	2	< 2
COBALT UG/L	< 2.0	< 2.0	< 3.0	< 2.0	< 2.0	< 2.0	< 4.0	< 4.0	< 4.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	.00	1.0	1.0	< 1.0	2.0	1.0	1.0	2.0	1.0
CYANIDE MG/L	.02	0	0	0	.01	.01	0	.02	0
DISS SOLIDS SUM MG/L	173	174	172	161	177	170	167	167	163
FLUORIDE MG/L	.30	.20	.20	.20	.20	.10	.30	.50	.80
GALLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
GERMANIUM UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0	< 4.0	< 4.0	< 4.0	< 4.0
HARDNESS TOTAL MG/L	137	136	134	129	134	133	131	131	122
HARDNESS NONCARB MG/L	46	47	46	44	45	42	42	41	33
IRON UG/L	< 4.0	12	6.0	< 4.0	< 5.0	< 4.0	4.0	65	6.0
LEAD UG/L	< 2.0	< 2.0	< 4.0	< 4.0	< 3.0	< 3.0	< 4.0	< 4.0	< 4.0
LITHIUM UG/L	10	0	0	10	10	10	0	0	10
MAGNESIUM MG/L	8.3	8.2	8.4	8.2	8.1	8.0	8.2	8.1	7.8
MANGANESE UG/L	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 2.0	< 3.0	< 3.0	< 3.0
MBAS MG/L	.04	.03	.02	.01	.01	.02	0	0	.01
MERCURY UG/L	< .50	< .50	< .50	.00	17	3.1	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 2.0	1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
NICKEL UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 4.0	< 4.0
NITRATE AS N MG/L	.40	.06	.29	.20	.25	.12	.10	.04	.10
NITRITE AS N MG/L	.00	.01	.01	.00	.01	.01	.01	.00	.00
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.09	.17	.16	.11	.12	.16	.08	.07	.11
PH UNITS	7.5	7.6	7.9	7.7	7.7	7.9	7.8	7.9	7.9
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.01	.00	.00	.01	0	0	.00	.00	0
POTASSIUM MG/L	1.3	1.3	1.4	1.3	1.2	1.3	1.5	1.4	1.4
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	2	0	1	0	0	1	0	--	1
SILICA MG/L	.10	.20	.31	.30	.70	.30	.20	.20	.20
SILVER UG/L	< .50	< .60	< .40	< .40	< .50	< .40	0	0	0
SODIUM MG/L	11	11	11	10	11	11	10	10	11
SPECIFIC CND) UMHOS	319	316	317	312	324	313	310	310	316
STRONTIUM UG/L	150	150	130	61	130	130	150	130	130
SULFATE MG/L	31	32	32	28	29	29	30	30	28
TIN UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0	< 4.0	< 4.0	< 4.0	< 4.0
TITANIUM UG/L	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	10	< 3.0
VANADIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
ZINC UG/L	0	0	0	10	40	30	30	80	10
ZIRCONIUM UG/L	< 8.0	< 8.0	< 6.0	< 6.0	< .70	< 7.0	< 8.0	< 6.0	< 6.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

CHAUTAUQUA COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	422912079203301	DUNKIRK (C)-LAKE ERIE

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	10/03/73	10/16/73	10/30/73	11/14/73	11/28/73	12/13/73	12/27/73	01/08/74	01/21/74
ALUMINUM UG/L	550	340	300	73	280	130	150	65	75
ARSENIC UG/L	0	< 1	< 1	< 1	< 1	< 1	1	1	1
BARIUM UG/L	26	27	38	28	29	26	28	25	26
BERYLLIUM UG/L	< 2.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
BICARBONATE MG/L	107	105	117	106	109	105	103	107	107
BISMUTH UG/L	< 4.0	< 5.0	< 5.0	< 4.0	< 5.0	< 4.0	< 5.0	< 4.0	< 4.0
BORON UG/L	16	19	30	17	25	27	21	21	28
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	36	36	40	36	36	37	38	38	38
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	24	26	25	26	25	24	25	26	26
CHROMIUM UG/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
COBALT UG/L	< 4.0	< 5.0	< 5.0	< 4.0	< 2.0	< 3.0	< 2.0	< 3.0	< 4.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	< 1.0	1.0	1.0	1.0	2.0	1.0	2.0	1.0	1.0
CYANIDE MG/L	0	.01	0	0	.01	.01	0	0	0
DISS SOLIDS SUM MG/L	163	164	174	171	167	165	169	175	171
FLUORIDE MG/L	.50	.20	.30	.20	.20	.40	.30	.30	.20
GALLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
GERMANIUM UG/L	< 4.0	< 5.0	< 5.0	< 4.0	< 4.0	< 4.0	< 5.0	< 5.0	< 4.0
HARDNESS TOTAL MG/L	124	124	135	126	130	126	130	129	130
HARDNESS NONCARB MG/L	36	38	39	39	41	40	45	41	42
IRON UG/L	9.0	< 5.0	5.0	4.0	20	10	15	5.0	< 3.0
LEAD UG/L	< 4.0	< 5.0	< 5.0	< 4.0	< 3.0	< 4.0	< 2.0	< 4.0	< 4.0
LITHIUM UG/L	10	10	0	0	0	10	0	0	0
MAGNESIUM MG/L	8.3	8.2	8.6	8.8	9.8	8.1	8.5	8.3	8.5
MANGANESE UG/L	< 3.0	< 3.0	< 3.0	< 3.0	< 2.0	< 2.0	< 2.0	< 2.0	< 3.0
MBAS MG/L	.01	.01	0	0	0	0	.01	0	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	2.0	< 2.0	2.0	< 2.0	< 2.0
NICKEL UG/L	< 4.0	< 5.0	< 5.0	< 4.0	< 2.0	< 4.0	< 4.0	< 4.0	< 4.0
NITRATE AS N MG/L	.10	.03	.15	.12	.17	.18	.22	.20	.24
NITRITE AS N MG/L	.00	.00	.00	.01	.01	.01	.00	.00	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	.06
NITROGEN NH4+ORG-N MG/L	.15	.09	.11	.19	.19	.12	.08	.09	.12
PH UNITS	8.0	8.0	7.8	7.5	7.7	7.8	7.6	7.5	7.5
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.00	.00	.01	.00	.04	0	.00	0	0
POTASSIUM MG/L	1.4	1.6	1.5	1.6	1.5	1.5	1.4	1.4	1.3
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	2	0	1	1	2	1	2	2	1
SILICA MG/L	.20	.11	.48	.22	.24	.18	.38	.20	.20
SILVER UG/L	< .60	< .70	0	< .70	< .40	< .40	< .50	< .40	< .50
SODIUM MG/L	11	11	11	12	12	11	10	12	12
SPECIFIC COND UMHOS	316	320	320	324	318	312	323	328	326
STRONTIUM UG/L	210	180	200	210	210	170	140	190	200
SULFATE MG/L	29	29	29	34	28	31	35	36	32
TIN UG/L	< 4.0	< 5.0	< 5.0	< 4.0	< .50	< 4.0	< 5.0	< 4.0	< 4.0
TITANIUM UG/L	< 3.0	< 3.0	< 3.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 3.0
VANADIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
ZINC UG/L	10	20	20	40	20	0	20	20	110
ZIRCONIUM UG/L	< 6.0	< 7.0	< 7.0	< 4.0	< 5.0	< 4.0	< 5.0	< 5.0	< 6.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

CHAUTAUQUA COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	422912079203301	DUNKIRK (C)-LAKE ERIE

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	02/05/74	02/20/74	03/06/74	03/19/74	04/03/74	04/16/74	04/30/74	06/19/74	09/05/74
ALUMINUM UG/L	90	110	90	150	60	70	130	180	200
ARSENIC UG/L	1	1	1	1	1	< 1	< 1	1	< 1
BARIUM UG/L	28	28	24	25	27	25	26	22	25
BERYLLIUM UG/L	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< .90	< 1.0	< 2.0	< .50
BICARBONATE MG/L	98	108	91	99	97	97	95	103	113
BISMUTH UG/L	< 4.0	< 3.0	< 4.0	< 5.0	< 5.0	< 4.0	< 5.0	< 4.0	< 2.0
BORON UG/L	30	19	20	15	25	12	18	21	27
CADMIUM UG/L	0	0	0	0	0	0	0	1	0
CALCIUM MG/L	36	35	37	41	38	45	38	38	38
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	29	23	24	30	24	24	30	24	25
CHROMIUM UG/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1
COBALT UG/L	< 4.0	< 4.0	< 2.0	< 5.0	< 4.0	< 4.0	< 2.0	< 3.0	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	1.0	< 1.0	1.0	< 1.0	1.0	1.0	1.0	1.0	.60
CYANIDE MG/L	.01	0	0	0	0	0	0	0	.01
DISS SOLIDS SUM MG/L	172	161	161	181	167	173	171	184	172
FLUORIDE MG/L	.20	.20	.20	.30	.10	0	.30	.20	.20
GALLIUM UG/L	< 2.0	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< .30
GERMANIUM UG/L	< 4.0	< 4.0	< 3.0	< 5.0	< 5.0	< 4.0	< 5.0	< 4.0	< 2.0
HARDNESS TOTAL MG/L	129	122	123	141	126	144	127	129	126
HARDNESS NONCARB MG/L	49	33	49	60	47	65	49	45	33
IRON UG/L	6.0	14	7.0	13	< 5.0	10	5.0	6.0	13
LEAD UG/L	< 4.0	< 3.0	< 2.0	< 5.0	< 5.0	< 3.0	< 3.0	< 4.0	< 2.0
LITHIUM UG/L	10	0	10	10	10	10	10	7.0	5.0
MAGNESIUM MG/L	8.3	8.3	7.5	9.4	7.6	7.7	7.9	8.4	7.6
MANGANESE UG/L	< 3.0	3.0	< 2.0	< 2.0	< 3.0	4.0	< 3.0	< 3.0	2.0
MBAS MG/L	0	.01	.03	.01	.02	.02	.01	.02	.02
MERCURY UG/L	2.7	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	1.0
NICKEL UG/L	< 4.0	< 2.0	< 2.0	< 3.0	< 5.0	< 2.0	< 2.0	< 3.0	< 2.0
NITRATE AS N MG/L	.32	.18	.30	.25	.32	.45	.62	.69	.24
NITRITE AS N MG/L	0	0	.01	0	0	.02	0	0	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.13	.02	.04	.14	.04	.19	.16	.23	.09
PH UNITS	7.3	7.5	7.3	8.2	7.4	7.3	7.5	7.5	7.4
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHONUS AS P MG/L	0	0	0	.01	0	.01	0	.01	.01
POTASSIUM MG/L	1.3	1.3	1.4	1.4	1.5	1.5	1.4	1.2	1.0
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	1	< 1	2	0	< 1	1	1	3
SILICA MG/L	.38	0	.40	.10	.20	.20	.10	.10	.60
SILVER UG/L	< .50	< .40	< .40	< .50	< .50	< .40	< .50	< .40	< .20
SODIUM MG/L	12	10	10	12	10	9.5	11	10	13
SPECIFIC COND UMHOS	311	308	295	327	306	298	317	370	380
STRONTIUM UG/L	200	180	160	190	200	220	190	170	160
SULFATE MG/L	34	38	35	38	38	37	35	31	31
TIN UG/L	< 4.0	< 4.0	< 4.0	< 5.0	< 5.0	< 4.0	< 5.0	< 4.0	< 2.0
TITANIUM UG/L	< 3.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 1.0
VANADIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< .60
ZINC UG/L	0	50	0	40	50	90	0	200	0
ZIRCONIUM UG/L	< 6.0	< 6.0	< 4.0	< 5.0	< 8.0	< 6.0	< 7.0	< 6.0	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

CHAUTAUQUA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	422912079203301	DUNKIRK (C)-LAKE ERIE
B	422818079183000	FORESTVILLE(V)-SPRINGS
C	422358079183300	FREDONIA(V)-CANADAWAY CREEK
D	422358079183301	FREDONIA(V)-CANADAWAY CREEK

SYSTEM(S) ON THIS PAGE..	A	A	B	C	C	C	C	C	D
TYPE OF WATER SAMPLED...	TREATED	TREATED	DISTRBN	RAW	RAW	RAW	RAW	RAW	TREATED
DATE.....	12/03/74	03/04/75	05/30/72	11/09/71	06/12/73	09/20/73	12/13/73	03/06/74	11/09/71
ALUMINUM UG/L	75	150	50	240	270	150	1300	6500	130
ARSENIC UG/L	2	0	2	1	0	1	1	2	4
BARIUM UG/L	26	25	85	90	57	84	120	110	94
BERYLLIUM UG/L	< .30	< .30	< .70	< .70	< .90	< 1.0	< 1.0	< .80	< .80
BICARBONATE MG/L	109	101	140	113	86	110	97	62	114
BISMUTH UG/L	< 2.0	< 2.0	< 4.0	< 2.0	< 3.0	< 4.0	< 4.0	< 4.0	< 2.0
BORON UG/L	20	43	13	23	8.0	16	23	32	22
CADMIUM UG/L	0	0	1	0	0	0	0	0	0
CALCIUM MG/L	42	43	43	37	32	35	37	25	42
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	23	33	3.3	9.2	4.5	7.9	10	10	11
CHROMIUM UG/L	< 2	< 2	< 4	< 2	< 2	< 2	< 2	7	< 2
COBALT UG/L	< 2.0	< 2.0	< 4.0	< 4.0	< 2.0	< 3.0	< 3.0	2.0	< 4.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	.80	1.0	5.0	8.0	7.0	4.0	9.0	10	4.0
CYANIDE MG/L	.01	.01	0	0	.01	0	.01	0	0
DISS SOLIDS SUM MG/L	178	194	159	158	118	147	156	114	172
FLUORIDE MG/L	.20	.30	.10	.10	.20	.50	.50	0	.10
GALLIUM UG/L	< .60	< .50	< 2.0	< .70	< 2.0	< 2.0	< 2.0	2.0	< .80
GERMANIUM UG/L	< 2.0	< 2.0	< 6.0	< 4.0	< 1.0	< 4.0	< 4.0	< 3.0	< 4.0
HARDNESS TOTAL MG/L	140	140	142	123	103	118	122	82	136
HARDNESS NONCARB MG/L	51	57	27	31	32	28	42	31	42
IRON UG/L	2.0	20	150	320	400	150	1000	5300	11
LEAD UG/L	< 2.0	< 2.0	3.0	< 4.0	< 2.0	< 3.0	< 4.0	2.0	< 4.0
LITHIUM UG/L	9.0	11	< 10	< 10	0	0	0	0	< 10
MAGNESIUM MG/L	8.6	8.0	8.3	7.5	5.5	7.4	7.2	4.8	7.5
MANGANESE UG/L	< 1.0	< 1.0	24	240	36	110	280	140	7.0
MBAS MG/L	0	0	.01	.03	.02	.02	.03	.01	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	1.0	2.0	< 2.0	0	1.0	3.0	2.0	1.0	2.0
NICKEL UG/L	.70	2.0	< 4.0	< 8.0	2.0	< 3.0	< 4.0	10	< 8.0
NITRATE AS N MG/L	.15	.25	.40	.10	.20	.05	.27	.59	.10
NITRITE AS N MG/L	0	.01	--	--	.01	.00	.02	.02	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.14	.21	.44	.35	.16	.24	.18	.13	.44
PH UNITS	6.9	7.1	7.7	7.7	7.5	7.9	7.6	7.6	7.7
PHENOLS UG/L	--	--	--	1.0	--	--	--	--	4.0
PHOSPHORUS AS P MG/L	0	.01	.01	.01	.02	.01	.01	.04	0
POTASSIUM MG/L	1.6	1.6	.50	1.7	.98	1.3	1.8	1.4	1.6
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	2	4	0	3	1	1	0
SILICA MG/L	.20	.50	8.1	3.7	4.2	2.7	4.9	3.5	3.3
SILVER UG/L	< .20	< .20	< .30	< .70	< .50	0	< .40	< .40	< .80
SODIUM MG/L	16	14	2.4	6.6	4.2	5.5	6.7	5.0	6.7
SPECIFIC COND UMHOS	365	365	284	278	212	269	276	194	300
STRONTIUM UG/L	140	190	48	120	64	100	95	80	110
SULFATE MG/L	37	44	24	37	22	33	40	33	44
TIN UG/L	< 2.0	< 2.0	< 4.0	< 8.0	< 3.0	< 4.0	< 4.0	< 4.0	< 8.0
TITANIUM UG/L	< 1.0	< 1.0	4.0	9.0	3.0	5.0	65	430	< 2.0
VANADIUM UG/L	< .60	1.0	< 3.0	< 2.0	< 2.0	< 3.0	2.0	13	< 2.0
ZINC UG/L	0	0	700	< 160	0	40	20	40	< 170
ZIRCONIUM UG/L	< 3.0	< 2.0	< 8.0	< 8.0	< 5.0	< 6.0	< 4.0	12	< 8.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

CHAUTAUQUA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	422358079183301	FREDONIA(V)-CANADAWAY CREEK
B	420317079092700	FREWSBURG #D-WELLS
C	420546079142200	JAMESTOWN(C)-WELLS
D	420612079192900	LAKEWOOD(V)-WELLS
E	421510079301301	MAYVILLE(V)-WELLS
F	421510079301300	MAYVILLE(V)-WELLS

SYSTEM(S) ON THIS PAGE..	A	A	A	A	B	C	D	E	F
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	DISTRBN	DISTRBN	DISTRBN	RAW	DISTRBN
DATE.....	06/12/73	09/20/73	12/13/73	03/06/74	11/10/71	11/09/71	11/09/71	02/12/73	11/09/71
ALUMINUM UG/L	220	220	120	1000	68	24	120	10	8.0
ARSENIC UG/L	0	0	< 1	< 1	0	2	2	0	3
BARIUM UG/L	51	76	100	40	240	330	110	160	160
BERYLLIUM UG/L	< 1.0	< 1.0	< 1.0	< .70	< 2.0	< 1.0	< 2.0	< 2.0	< 1.0
BICARBONATE MG/L	88	108	86	70	214	144	256	166	163
BISMUTH UG/L	< 3.0	< 4.0	< 4.0	< 3.0	< 5.0	< 3.0	< 5.0	< 6.0	< 3.0
BORON UG/L	6.0	18	18	9.0	36	17	13	15	14
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	36	36	41	32	70	45	25	60	46
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	4.5	11	13	12	15	10	16	28	13
CHROMIUM UG/L	< 2	< 2	< 2	< 2	< 4	< 4	< 5	< 6	< 3
COBALT UG/L	< 2.0	< 3.0	< 3.0	< 2.0	< 6.0	< 4.0	< 5.0	< 6.0	< 3.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	1.0	1.0	2.0	.70	7.0	250	3.0	2.0	4.0
CYANIDE MG/L	.01	0	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	134	157	177	127	260	175	333	238	193
FLUORIDE MG/L	.20	.60	.40	.10	0	1.2	.10	.10	.10
GALLIUM UG/L	< 2.0	< 2.0	< 2.0	< .70	< 2.0	< 1.0	< 2.0	< 3.0	< 1.0
GERMANIUM UG/L	< 3.0	< 4.0	< 4.0	< 2.0	< 6.0	< 4.0	< 7.0	< 8.0	< 5.0
HARDNESS TOTAL MG/L	113	119	142	98	228	147	88	195	156
HARDNESS NONCARB MG/L	40	31	72	41	50	28	0	54	22
IRON UG/L	22	60	20	270	6.0	37	710	< 6.0	25
LEAD UG/L	< 2.0	< 3.0	< 4.0	< 2.0	< 6.0	8.0	< 7.0	< 8.0	< 5.0
LITHIUM UG/L	0	1.0	0	0	< 10	< 10	< 10	10	< 10
MAGNESIUM MG/L	5.5	7.1	9.7	4.5	13	8.3	6.1	11	10
MANGANESE UG/L	< 2.0	< 2.0	8.0	5.0	< 3.0	75	46	7.0	14
MBAS MG/L	.03	.01	.01	0	.06	.02	.01	.02	.01
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	1.0	3.0	2.0	1.0	2.0	2.0	< 2.0	< 3.0	.70
NICKEL UG/L	< 2.0	< 3.0	< 4.0	< 2.0	< 6.0	4.0	< 7.0	< 8.0	< 5.0
NITRATE AS N MG/L	.19	.06	.29	.72	8.2	.50	0	.90	.30
NITRITE AS N MG/L	.01	0	.01	.01	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.10	.21	.07	0	0	.53	.17	.06	.18
PH UNITS	7.6	7.9	7.6	8.1	7.8	7.7	7.7	8.2	7.8
PHENOLS UG/L	--	--	--	--	1.0	3.0	1.0	--	2.0
PHOSPHORUS AS P MG/L	.00	.02	0	.01	0	.01	.01	.01	0
POTASSIUM MG/L	.90	1.3	1.7	1.2	2.2	.80	.60	.90	.90
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	3	2	1	4	2	2	1	0
SILICA MG/L	3.7	2.6	4.2	1.7	7.7	7.1	8.8	7.5	7.1
SILVER UG/L	< .50	0	< .40	< .30	< .40	< .30	< .40	< .60	< 3.0
SODIUM MG/L	4.1	7.5	7.0	4.4	8.6	7.5	90	14	11
SPECIFIC COND UMHOS	238	286	307	227	483	310	543	408	341
STRONTIUM UG/L	65	93	93	72	88	70	54	92	72
SULFATE MG/L	31	38	57	36	30	24	61	36	24
TIN UG/L	< 3.0	< 4.0	< 4.0	< 3.0	< 6.0	< 4.0	< 7.0	< 8.0	< 5.0
TITANIUM UG/L	< 2.0	< 3.0	< 2.0	14	< 3.0	< 2.0	< 4.0	< 6.0	< 2.0
VANADIUM UG/L	< 2.0	< 3.0	< 2.0	2.0	< 4.0	< 3.0	< 4.0	< 6.0	< 2.0
ZINC UG/L	10	20	120	20	< 270	< 190	< 480	30	< 300
ZIRCONIUM UG/L	< 6.0	< 8.0	< 4.0	< 3.0	< 13	< 9.0	< 15	< 11	< 10

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

CHAUTAUQUA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	421601079424000	RIPLEY WP-PALMER GULF
B	420938079354500	SHERMAN(V)-WELL
C	423237079095700	SILVER CREEK(V)-SILVER CREEK
D	421549079153400	SINCLAIRVILLE(V)-SPRINGS
E	421750079342300	WESTFIELD(V)-CHAUTAUQUA CREEK
F	421750079342301	WESTFIELD(V)-CHAUTAUQUA CREEK

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	E	E	E	F
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	DISTRBN	RAW	RAW	RAW	RAW	TREATED
DATE.....	11/09/71	10/30/73	11/08/71	11/09/71	06/12/73	04/20/73	12/13/73	03/06/74	06/12/73
ALUMINUM UG/L	73	20	500	35	81	110	500	2000	24
ARSENIC UG/L	0	< 1	1	2	0	< 1	1	2	0
BARIUM UG/L	43	67	120	140	35	48	65	80	21
BERYLLIUM UG/L	< .40	< 2.0	< .40	< 1.0	< 1.0	< 2.0	< 1.0	< .70	< .40
BICARBONATE MG/L	46	200	122	141	130	144	122	70	51
BISMUTH UG/L	< 1.0	< 6.0	< 2.0	< 3.0	< 4.0	< 5.0	< 4.0	< 3.0	< 3.0
BORON UG/L	23	20	28	17	9.0	12	22	18	11
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	23	54	43	47	43	49	42	28	21
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	9.7	23	12	8.7	3.2	4.2	4.4	4.5	7.2
CHROMIUM UG/L	< 1	< 3	< 2	< 4	< 2	< 3	< 2	2	< 1
COBALT UG/L	< 3.0	< 6.0	< 4.0	< 4.0	< 2.0	< 5.0	< 3.0	< 2.0	< 1.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	58	12	88	23	1.0	1.0	2.0	2.0	2.0
CYANIDE MG/L	0	.01	0	0	.01	0	.01	0	.01
DISS SOLIDS SUM MG/L	104	227	170	161	152	195	168	113	95
FLUORIDE MG/L	.10	.20	.10	.10	.20	.50	.40	.20	.40
GALLIUM UG/L	< .40	< 3.0	< .90	< 1.0	< 2.0	< 3.0	< 2.0	< .70	< 1.0
GERMANIUM UG/L	< 3.0	< 6.0	< 4.0	< 4.0	< 4.0	< 5.0	< 4.0	< 3.0	< 3.0
HARDNESS TOTAL MG/L	77	180	142	141	137	163	150	93	78
HARDNESS NONCARB MG/L	34	16	41	28	30	40	50	35	34
IRON UG/L	290	< 6.0	940	15	79	33	880	2100	54
LEAD UG/L	< 3.0	< 6.0	< 4.0	< 4.0	< 2.0	< 5.0	< 4.0	< 2.0	< 1.0
LITHIUM UG/L	< 10	0	< 10	< 10	0	0	0	0	0
MAGNESIUM MG/L	4.7	11	8.3	5.4	7.2	9.8	11	5.5	6.2
MANGANESE UG/L	25	< 4.0	210	< 2.0	6.0	4.0	220	85	< 1.0
MBAS MG/L	.03	.01	.03	.02	.02	0	.02	0	.02
MERCURY UG/L	< .50	.60	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .40	< 3.0	< .90	< 2.0	< 2.0	< 3.0	2.0	1.0	1.0
NICKEL UG/L	< 5.0	< 6.0	< 9.0	< 4.0	< 2.0	< 4.0	< 4.0	3.0	< 1.0
NITRATE AS N MG/L	.40	1.3	0	1.2	.19	.05	.25	.61	.24
NITRITE AS N MG/L	--	.00	--	--	.01	.00	.01	.01	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.39	.02	.27	.09	.42	.05	.30	.08	.01
PH UNITS	7.1	7.8	7.6	7.7	7.8	8.2	7.9	7.6	7.8
PHENOLS UG/L	0	--	5.0	0	--	--	--	--	--
PHOSPHORUS AS P MG/L	.01	.00	.01	0	.01	0	.02	.02	.01
POTASSIUM MG/L	2.5	2.7	2.3	1.0	1.1	1.3	1.1	.90	1.1
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	0	1	0	0	2	1	0
SILICA MG/L	3.7	6.7	4.1	4.9	3.7	2.9	5.1	4.1	4.2
SILVER UG/L	< .40	< 1.0	< .90	< .20	< .50	0	< .40	< .30	< .30
SODIUM MG/L	4.5	11	5.2	5.2	2.7	4.8	3.7	2.2	3.0
SPECIFIC COND UMHOS	187	450	292	289	270	370	290	199	175
STRONTIUM UG/L	66	76	130	55	66	100	100	70	50
SULFATE MG/L	33	19	35	17	27	50	40	33	26
TIN UG/L	< 5.0	< 6.0	< 9.0	< 4.0	< 4.0	< 5.0	< 4.0	< 3.0	< 3.0
TITANIUM UG/L	2.0	< 4.0	16	< 2.0	< 4.0	< 4.0	24	110	< 2.0
VANADIUM UG/L	< 1.0	< 3.0	< 2.0	< 3.0	< 2.0	< 3.0	< 2.0	3.0	< 1.0
ZINC UG/L	< 100	30	< 190	230	0	0	0	10	6
ZIRCONIUM UG/L	< 5.0	< 10	< 9.0	< 8.0	< 7.0	< 8.0	< 4.0	< 3.0	< 4.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

CHAUTAUQUA COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	421750079342301	WESTFIELD(V)-CHAUTAUQUA CREEK

SYSTEM(S) ON THIS PAGE..	A	A	A
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED
DATE.....	09/26/73	12/13/73	03/06/74
ALUMINUM UG/L	15	58	95
ARSENIC UG/L	0	< 1	0
BARIUM UG/L	13	13	21
BERYLLIUM UG/L	0	< .60	< .60
BICARBONATE MG/L	42	48	43
BISMUTH UG/L	< 3.0	< 3.0	< 3.0
BORON UG/L	15	18	14
CADMIUM UG/L	0	0	0
CALCIUM MG/L	20	23	26
CARBONATE MG/L	<	0	0
CHLORIDE MG/L	5.0	5.9	6.6
CHROMIUM UG/L	< 2	< 2	< 1
COBALT UG/L	< 3.0	< 2.0	< 1.0
COLIFORM CUL/100 ML	--	--	--
COPPER UG/L	1.0	2.0	1.0
CYANIDE MG/L	0	.51	0
DISS SOLIDS SUM MG/L	110	113	107
FLUORIDE MG/L	1.2	1.0	.90
GALLIUM UG/L	< 2.0	< 1.0	< .60
GERMANIUM UG/L	< 3.0	< 3.0	< 2.0
HARDNESS TOTAL MG/L	85	89	93
HARDNESS NONCARB MG/L	47	49	47
IRON UG/L	0.0	100	150
LEAD UG/L	< 3.0	< 3.0	< 1.0
LITHIUM UG/L	0	0	0
MAGNESIUM MG/L	8.5	7.6	9.3
MANGANESE UG/L	< 2.0	2.0	1.0
MBAS MG/L	0	.02	0
MERCURY UG/L	< .50	< .50	< .50
MOLYBDENUM UG/L	1.0	2.0	1.0
NICKEL UG/L	< 3.0	< 3.0	< 1.0
NITRATE AS N MG/L	.06	.01	.02
NITRITE AS N MG/L	.00	.00	0
NITROGEN NH4 AS N MG/L	--	--	--
NITROGEN NH4+ORG-N MG/L	.05	.05	0
PH UNITS	8.5	8.3	7.7
PHENOLS UG/L	--	--	--
PHOSPHORUS AS P MG/L	0	.00	0
POTASSIUM MG/L	1.3	1.1	.80
RUBIDIUM UG/L	--	--	--
SELENIUM UG/L	0	1	1
SILICA MG/L	3.9	4.4	4.0
SILVER UG/L	0	< .30	< .30
SODIUM MG/L	4.5	4.0	2.5
SPECIFIC COND UMHOS	216	200	195
STRONTIUM UG/L	55	54	57
SULFATE MG/L	51	42	40
TIN UG/L	< 3.0	< 3.0	< 3.0
TITANIUM UG/L	< 2.0	< 2.0	4.0
VANADIUM UG/L	< 2.0	< 2.0	< 1.0
ZINC UG/L	9	0	50
ZIRCONIUM UG/L	< 4.0	< 3.0	< 3.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

CHEMUNG COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	420453076491902	ELMIRA(C)-CHEMUNG RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	07/15/71	10/21/71	01/20/72	05/16/72	05/30/72	06/13/72	07/11/72	07/25/72	08/08/72
ALUMINUM UG/L	130	100	490	250	130	270	800	400	220
ARSENIC UG/L	1	0	0	2	4	2	0	6	0
BARIUM UG/L	56	64	55	42	60	66	71	69	80
BERYLLIUM UG/L	< 1.0	< .90	< .70	< .70	< .70	< 2.0	< 2.0	< .80	< 3.0
BICARBONATE MG/L	130	108	66	58	92	103	96	114	132
BISMUTH UG/L	< 5.0	< 5.0	< 3.0	< 2.0	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0
BORON UG/L	30	65	24	20	20	27	53	21	34
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	46	41	25	24	34	34	34	41	47
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	24	29	13	8.7	17	18	13	14	23
CHROMIUM UG/L	< 5	< 5	< 3	< 2	< 4	< 9	< 4	< 4	< 5
COBALT UG/L	< 1.0	< 2.0	2.0	2.0	< 4.0	< 4.0	4.0	< 4.0	< 3.0
COLIFORM COL/100 ML	--	--	--	1300	820	2400	7800	3500	320
COPPER UG/L	1.0	2.0	2.0	1.0	1.0	5.0	2.0	3.0	4.0
CYANIDE MG/L	0	0	0	0	0	0	0	0	.01
DISS SOLIDS SUM MG/L	213	214	128	105	154	169	152	172	210
FLUORIDE MG/L	.10	.20	.10	.10	.10	.10	.10	.10	.20
GALLIUM UG/L	< 1.0	< 2.0	< .70	< 1.0	< 2.0	< 4.0	< 4.0	< 2.0	< 3.0
GERMANIUM UG/L	< 5.0	< 10	< 3.0	< 4.0	< 5.0	< 9.0	< 8.0	< 4.0	< 5.0
HARDNESS TOTAL MG/L	156	148	87	79	114	129	115	137	163
HARDNESS NONCARB MG/L	51	59	33	31	34	45	36	44	54
IRON UG/L	120	110	430	310	190	370	1400	500	250
LEAD UG/L	< 5.0	< 2.0	< 2.0	< 2.0	< 3.0	< 4.0	< 4.0	< 4.0	< 3.0
LITHIUM UG/L	2.0	< 10	< 10	< 10	< 10	< 10	--	< 10	< 10
MAGNESIUM MG/L	4.2	11	5.9	4.0	7.0	7.8	7.3	8.5	11
MANGANESE UG/L	90	57	240	120	75	110	350	150	110
MBAS MG/L	.05	.03	.02	.01	.03	.03	.07	.02	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 1.0	< .90	< .70	< .50	< 2.0	< 2.0	< 2.0	< 2.0	< 3.0
NICKEL UG/L	< 3.0	3.0	14	5.0	5.0	8.0	15	7.0	6.0
NITRATE AS N MG/L	.30	.20	1.0	.50	.50	.70	.90	.90	.60
NITRITE AS N MG/L	.02	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	.06	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.60	.33	.34	1.1	.27	.38	.38	.43	.39
PH UNITS	8.2	7.8	7.3	7.6	7.8	7.7	7.6	7.9	8.1
PHENOLS UG/L	0	1.0	3.0	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.14	.10	.05	.03	.04	.07	.05	.07	.05
POTASSIUM MG/L	2.1	2.4	1.4	1.4	1.7	1.7	2.6	2.2	2.2
RUBIDIUM UG/L	.30	--	--	--	--	--	--	--	--
SELENIUM UG/L	5	10	2	0	1	0	0	0	1
SILICA MG/L	.80	.50	4.5	3.4	1.2	1.4	5.0	4.1	1.0
SILVER UG/L	< .50	< .50	< .20	< .10	< .30	< .60	< .30	< .40	< .50
SODIUM MG/L	14	18	8.5	6.0	10	11	7.4	8.9	12
SPECIFIC COND UMHOS	385	383	222	196	293	306	269	313	372
STRONTIUM UG/L	53	97	71	50	77	82	63	60	82
SULFATE MG/L	41	58	36	28	37	38	34	36	48
TIN UG/L	< 5.0	< 10	< 3.0	< 2.0	< 4.0	< 4.0	< 16	< 4.0	< 3.0
TITANIUM UG/L	5.0	< .90	12	4.0	6.0	10	43	33	8.0
VANADIUM UG/L	< 3.0	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 4.0	< 3.0	< 3.0
ZINC UG/L	< 220	< 430	< 140	< 100	< 230	< 140	< 340	< 280	< 300
ZIRCONIUM UG/L	< 5.0	< 10	< 7.0	< 4.0	< 4.0	< 9.0	< 8.0	< 9.0	< 5.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

CHEMUNG COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	420453076491902	ELMIRA(C)-CHEMUNG RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	08/22/72	09/05/72	09/19/72	10/03/72	10/17/72	10/31/72	01/09/73	02/20/73	04/19/73
ALUMINUM UG/L	280	210	220	130	310	160	13000	160	430
ARSENIC UG/L	0	4	2	1	2	0	0	0	0
BARIUM UG/L	90	90	82	70	66	75	140	61	40
BERYLLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.0	< .70
BICARBONATE MG/L	140	147	156	144	143	133	90	94	78
BISMUTH UG/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 6.0	< 4.0	< 3.0
BORON UG/L	26	40	34	28	42	35	47	47	26
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	50	50	54	51	51	48	37	37	29
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	24	25	26	27	23	23	14	18	12
CHROMIUM UG/L	< 5	< 5	< 5	< 5	< 5	< 5	13	< 4	< 2
COBALT UG/L	< 4.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	13	6.0	3.0
COLIFORM COL/100 ML	250	E 1300	480	1000	410	K 1800	470	K 1400	4300
COPPER UG/L	2.0	4.0	3.0	6.0	3.0	1.0	11	2.0	2.0
CYANIDE MG/L	0	.01	0	0	.01	0	.01	0	0
DISS SOLIDS SUM MG/L	210	220	235	234	219	210	155	169	129
FLUORIDE MG/L	.10	.20	.20	.10	.10	.20	.10	.10	.10
GALLIUM UG/L	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 2.0	4.0	< 2.0	< 2.0
GERMANIUM UG/L	< 5.0	< 5.0	< 8.0	< 5.0	< 5.0	< 5.0	< 6.0	< 4.0	< 3.0
HARDNESS TOTAL MG/L	170	174	184	177	169	161	123	126	98
HARDNESS NONCARB MG/L	55	54	56	59	51	52	49	49	34
IRON UG/L	360	310	200	220	300	200	9900	220	480
LEAD UG/L	< 5.0	2.0	< 4.0	< 4.0	5.0	< 5.0	11	< 4.0	< 3.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	--
MAGNESIUM MG/L	11	12	12	12	10	10	7.5	8.1	6.1
MANGANESE UG/L	120	100	60	40	30	44	660	390	140
MBAS MG/L	.02	.03	.03	.02	.02	.03	.02	.04	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	2.0
MOLYBDENUM UG/L	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 2.0	< 3.0	< 2.0	< .70
NICKEL UG/L	< 3.0	< 5.0	< 5.0	4.0	4.0	6.0	34	13	5.0
NITRATE AS N MG/L	.50	.50	.60	.60	.80	.60	1.4	1.4	.60
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.68	.46	.43	.37	.44	.33	.62	.31	.48
PH UNITS	8.3	8.3	8.2	8.2	8.3	8.0	7.8	8.0	7.8
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.07	.08	.10	.10	.08	.09	.09	.09	.04
POTASSIUM MG/L	2.3	2.5	2.3	2.3	2.2	2.2	1.4	1.6	1.5
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	2	0	2	1	4	0	3	0	1
SILICA MG/L	1.2	.80	.70	1.9	1.7	1.4	5.7	5.3	1.9
SILVER UG/L	< .30	< .50	< .50	< .50	< .50	< .50	< .60	< .40	< .30
SODIUM MG/L	14	15	15	15	14	14	7.9	11	7.4
SPECIFIC COND UMHOS	392	416	417	399	388	388	269	298	232
STRONTIUM UG/L	74	78	78	78	88	90	78	67	67
SULFATE MG/L	44	50	47	53	46	45	36	40	32
TIN UG/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 6.0	< 4.0	< 3.0
TITANIUM UG/L	12	8.0	7.0	4.0	15	8.0	1400	< 4.0	11
VANADIUM UG/L	< 4.0	< 4.0	< 3.0	< 4.0	< 4.0	< 5.0	19	< 4.0	< 2.0
ZINC UG/L	< 330	< 350	< 340	< 330	< 320	20	40	20	10
ZIRCONIUM UG/L	< 7.0	< 8.0	< 11	< 11	< 4.0	< 10	55	< 8.0	< 5.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

CHEMUNG COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	420453076491902	ELMIRA(C)-CHEMUNG RIVER
B	420453076491903	ELMIRA(C)-CHEMUNG RIVER
C	420603076500700	ELMIRA(C)--HOFFMAN CREEK RESERVOIR

SYSTEM(S) ON THIS PAGE..	A	B	B	B	C	C	C	C	C
TYPE OF WATER SAMPLED...	RAW	TREATED	TREATED	TREATED	RAW	RAW	RAW	RAW	RAW
DATE.....	05/02/73	07/15/71	10/21/71	01/20/72	11/17/70	04/12/72	11/14/72	11/28/72	12/12/72
ALUMINUM UG/L	680	150	94	120	85	430	2100	4600	6000
ARSENIC UG/L	0	0	0	4	0	6	0	0	0
BARIUM UG/L	43	72	68	53	56	66	98	120	110
BERYLLIUM UG/L	< .90	< 1.0	< 1.0	< .90	< .30	< .70	< .90	< 1.0	< .60
BICARBONATE MG/L	64	116	94	59	48	30	72	54	42
BISMUTH UG/L	< 3.0	< 5.0	< 5.0	< 3.0	< 2.0	< 2.0	< 3.0	< 3.0	< 3.0
BORON UG/L	21	58	71	27	25	15	33	30	32
CADMIUM UG/L	0	0	0	0	1	0	0	0	0
CALCIUM MG/L	25	51	48	28	16	14	23	21	18
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	11	33	32	18	7.5	8.0	7.2	8.8	9.3
CHROMIUM UG/L	< 3	< 5	< 5	< 3	< 2	< 4	3	9	6
COBALT UG/L	4.0	< 1.0	< 3.0	< 2.0	< .90	< 4.0	4.0	< 3.0	< 3.0
COLIFORM COL/100 ML	4900	--	--	--	--	--	520	2200	630
COPPER UG/L	3.0	130	170	8.0	15	9.0	72	18	140
CYANIDE MG/L	.03	0	.01	0	0	.01	.01	0	0
DISS SOLIDS SUM MG/L	112	223	218	143	89	76	102	114	93
FLUORIDE MG/L	.20	1.4	1.5	1.3	0	.10	.10	.10	.10
GALLIUM UG/L	< 2.0	< 1.0	< 3.0	< .80	ND	< 2.0	< 2.0	< 2.0	2.0
GERMANIUM UG/L	< 3.0	< 5.0	< 10	< 3.0	< 2.0	< 4.0	< 3.0	< 3.0	< 4.0
HARDNESS TOTAL MG/L	83	169	145	95	56	50	80	72	63
HARDNESS NONCARB MG/L	27	73	68	47	23	26	21	28	29
IRON UG/L	850	17	23	36	93	370	2300	4800	4080
LEAD UG/L	< 3.0	< 5.0	< 3.0	< 2.0	< 2.0	< 2.0	3.0	< 3.0	3.0
LITHIUM UG/L	--	3.0	< 10	< 10	.60	< 10	< 10	< 1.0	< 10
MAGNESIUM MG/L	5.1	10	11	6.2	3.8	3.7	5.4	4.8	4.4
MANGANESE UG/L	170	3.0	< 3.0	6.0	19	22	170	170	300
MBAS MG/L	0	.04	.03	.04	.02	.02	.02	.02	.02
MERCURY UG/L	3.1	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 1.0	< 1.0	< .70	< .40	< .30	< 2.0	< 2.0	< .60
NICKEL UG/L	6.0	10	< 3.0	5.0	< .90	< 4.0	6.0	8.0	10
NITRATE AS N MG/L	.40	.20	.30	1.1	.50	.50	.20	.70	.50
NITRITE AS N MG/L	--	.01	--	--	.01	--	--	--	--
NITROGEN NH4 AS N MG/L	--	.23	--	.40	.08	--	--	3.7	--
NITROGEN NH4+ORG-N MG/L	.22	.55	.48	.48	--	.21	.43	.35	.43
PH UNITS	7.6	7.9	7.6	7.2	7.0	7.3	7.7	7.5	7.1
PHENOLS UG/L	--	0	0	3.0	0	0	--	--	--
PHOSPHORUS AS P MG/L	.03	.01	.02	.01	.05	.04	.04	.09	.04
POTASSIUM MG/L	1.4	2.3	2.4	1.7	1.7	1.4	2.2	2.9	2.1
RUBIDIUM UG/L	--	.40	--	--	< .70	--	--	--	--
SELENIUM UG/L	2	3	5	2	15	3	4	5	0
SILICA MG/L	2.2	1.4	1.2	5.4	5.1	5.1	2.5	3.9	4.4
SILVER UG/L	< .30	< .50	< .50	< 2.0	< .09	< .30	< .30	< .30	< .30
SODIUM MG/L	5.8	18	19	10	4.9	5.4	5.9	6.1	6.1
SPECIFIC COND UMHOS	193	342	391	246	154	134	183	184	162
STRONTIUM UG/L	56	99	120	68	54	31	78	54	57
SULFATE MG/L	27	68	64	42	38	23	20	35	27
TIN UG/L	< 3.0	< 5.0	< 10	< 3.0	< 2.0	< 4.0	< 3.0	< 3.0	< 3.0
TITANIUM UG/L	36	< 3.0	< 1.0	2.0	3.0	12	150	370	240
VANADIUM UG/L	< 3.0	< 3.0	< 3.0	< 2.0	< .90	< 2.0	4.0	11	9.0
ZINC UG/L	30	< 210	< 470	< 130	< 120	< 150	10	20	0
ZIRCONIUM UG/L	< 6.0	< 5.0	< 10	< 6.0	ND	< 4.0	6.0	9.0	9.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

CHEMUNG COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	420603076500700	ELMIRA(C)--HOFFMAN CREEK RESERVOIR
B	420603076500701	ELMIRA(C)--HOFFMAN CREEK RESERVOIR
C	420645076481401	ELMIRA(C)--SULLIVAN STREET WELLS

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	B	B	C
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	TREATED	TREATED	RAW
DATE.....	12/20/72	01/23/73	02/06/73	03/06/73	03/20/73	04/03/73	11/17/70	04/12/72	03/12/74
ALUMINUM UG/L	2900	19000	26000	6900	22000	27000	50	94	25
ARSENIC UG/L	10	20	10	0	0	0	0	1	1
BARIUM UG/L	65	230	230	91	360	230	65	63	170
BERYLLIUM UG/L	< .70	< 1.0	< 2.0	< .40	2.0	< 2.0	< .30	< .80	< 3.0
BICARBONATE MG/L	30	35	32	42	30	36	38	29	366
BISMUTH UG/L	< 2.0	< 5.0	< 5.0	< 3.0	< 7.0	< 5.0	< 2.0	< 2.0	< 12
BORON UG/L	22	74	64	23	94	59	24	13	20
CADMIUM UG/L	0	0	0	0	0	0	--	0	0
CALCIUM MG/L	15	16	14	17	13	14	20	16	94
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	8.5	9.5	9.0	10	8.0	7.5	10	11	66
CHROMIUM UG/L	4	18	33	7	41	28	< 3	< 4	< 6
COBALT UG/L	< 2.0	8.0	< 5.0	< 3.0	9.0	9.0	< 1.0	< 4.0	< 6.0
COLIFORM COL/100 ML	< 1	500	3900	330	< 3000	2500	--	--	--
COPPER UG/L	10	170	20	11	28	25	16	4.0	4.0
CYANIDE MG/L	0	.01	.05	.01	0	0	0	0	0
DISS SOLIDS SUM MG/L	84	47	73	93	75	74	101	87	531
FLUORIDE MG/L	.10	.10	.10	.10	.10	.30	1.5	1.1	.10
GALLIUM UG/L	< 1.0	8.0	6.0	< 1.0	13	7.0	ND	< 2.0	< 3.0
GERMANIUM UG/L	< 2.0	< 5.0	< 5.0	< 3.0	< 8.0	< 5.0	< 3.0	< 4.0	< 6.0
HARDNESS TOTAL MG/L	52	55	49	59	44	49	67	55	325
HARDNESS NONCARB MG/L	20	25	23	25	22	20	36	31	25
IRON UG/L	2300	11000	14000	4000	26000	14000	30	38	40
LEAD UG/L	< 2.0	10	10	3.0	14	7.0	< 2.0	< 2.0	< 6.0
LITHIUM UG/L	< 10	10	< 10	< 10	< 10	--	1.0	< 10	0
MAGNESIUM MG/L	3.6	3.6	3.5	4.1	3.4	3.5	4.2	3.7	22
MANGANESE UG/L	67	220	230	120	480	220	2.0	3.0	6.0
MBAS MG/L	.02	.02	.01	.03	.02	.01	.02	.02	0
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	.90	< .50	< .50	< .50
MOLYBDENUM UG/L	< .90	< 1.0	< 3.0	< 1.0	< 3.0	< 3.0	.40	< 1.0	< 3.0
NICKEL UG/L	6.0	19	24	8.0	33	28	< 1.0	< 4.0	< 6.0
NITRATE AS N MG/L	.70	.70	.70	.70	.60	.70	.40	.50	2.1
NITRITE AS N MG/L	--	--	--	--	--	--	0	--	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	.41	.18	--	--
NITROGEN NH4+ORG-N MG/L	.29	.74	.84	.36	.97	.06	--	.30	.02
PH UNITS	7.3	7.1	7.2	7.4	7.2	7.5	7.6	6.9	7.1
PHENOLS UG/L	--	--	--	--	--	--	0	--	--
PHOSPHORUS AS P MG/L	.05	.30	.25	.09	.44	.27	.01	0	0
POTASSIUM MG/L	1.6	3.2	3.2	4.4	5.0	2.5	1.8	1.5	2.1
RUBIDIUM UG/L	--	--	--	--	--	--	< .80	--	--
SELENIUM UG/L	2	0	1	1	2	0	4	3	2
SILICA MG/L	5.3	3.8	3.7	4.2	4.3	4.5	5.0	5.4	4.1
SILVER UG/L	< .20	< .50	< .50	< .30	< .70	< .50	< .10	< .40	< 2.0
SODIUM MG/L	5.2	5.5	5.2	7.1	5.8	5.0	5.7	5.5	75
SPECIFIC CND UMHOS	135	141	129	147	121	131	149	158	688
STRONTIUM UG/L	88	61	58	50	70	43	82	42	130
SULFATE MG/L	29	27	18	25	20	18	34	28	82
TIN UG/L	< 2.0	< 5.0	< 5.0	< 3.0	< 7.0	< 5.0	< 3.0	< 4.0	< 12
TITANIUM UG/L	88	880	470	260	--	800	< 1.0	2.0	< 6.0
VANADIUM UG/L	5.0	29	35	10	64	36	< 1.0	< 2.0	< 6.0
ZINC UG/L	0	10	0	0	30	20	< 130	< 180	30
ZIRCONIUM UG/L	3.0	30	46	8.0	63	37	ND	< 4.0	< 12

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

CHEMUNG COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	420715076554200	HARRIS HILL MANOR-WELL
B	421000076491600	HORSEHEADS(V)-WELLS
C	421031076513900	PINE CIRCLE WATER SUPPLY-WELLS
D	420057076433900	WELLSBURG(V)-WELL
E	420900076470001	WESTINGHOUSE CORP-HORSEHEADS-FIVE WELLS

SYSTEM(S) ON THIS PAGE...	A	B	C	D	E
TYPE OF WATER SAMPLED...	DISTRIB	DISTRIB	DISTRIB	DISTRIB	RAW
DATE.....	07/28/73	07/24/72	12/12/72	03/12/74	03/14/73
ALUMINUM UG/L	140	2.0	8.0	10	20
ARSENIC UG/L	0	1	0	1	0
BARIUM UG/L	81	110	26	47	140
BERYLLIUM UG/L	< 2.0	< 2.0	< 3.0	< 1.0	< 2.0
BICARBONATE MG/L	198	226	371	67	264
BISMUTH UG/L	< 6.0	< 7.0	< 12	< 5.0	< 9.0
BORON UG/L	24	32	100	75	31
CADMIUM UG/L	0	0	0	0	1
CALCIUM MG/L	56	69	.30	38	98
CARBONATE MG/L	0	0	0	0	0
CHLORIDE MG/L	23	22	84	64	58
CHROMIUM UG/L	< 6	< 14	< 9	< 3	< 9
COBALT UG/L	< 6.0	< 7.0	< 12	< 3.0	< 9.0
COLIFORM COL/100 ML	--	--	--	--	--
COPPER UG/L	2.0	39	13	170	1700
CYANIDE MG/L	.01	0	0	.01	.02
DISS SOLIDS SUM MG/L	248	277	550	199	376
FLUORIDE MG/L	.10	.40	.10	.10	.50
GALLIUM UG/L	< 3.0	< 2.0	< 6.0	< 1.0	< 4.0
GERMANIUM UG/L	< 6.0	< 14	< 12	< 4.0	< 9.0
HARDNESS TOTAL MG/L	204	230	1	100	307
HARDNESS NONCARB MG/L	34	45	0	45	91
IRON UG/L	44	7.0	14	40	1400
LEAD UG/L	< 6.0	< 7.0	< 9.0	< 3.0	130
LITHIUM UG/L	< 10	< 10	< 10	0	< 10
MAGNESIUM MG/L	15	14	.10	6.0	20
MANGANESE UG/L	8.0	< 7.0	< 6.0	< 3.0	8.0
MBAS MG/L	0	.02	.07	.01	.05
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 3.0	< 3.0	< 6.0	< 1.0	< 3.0
NICKEL UG/L	< 6.0	14	< 12	< 3.0	< 9.0
NITRATE AS N MG/L	.98	1.3	9.8	2.2	2.6
NITRITE AS N MG/L	--	--	--	0	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.33	.07	.04	.12	.08
PH UNITS	6.2	7.4	7.9	6.7	7.9
PHENOLS UG/L	--	0	--	--	--
PHOSPHORUS AS P MG/L	.01	0	.10	.04	.04
POTASSIUM MG/L	.80	2.7	.20	3.3	1.3
RUBIDIUM UG/L	--	--	--	--	--
SELENIUM UG/L	0	0	0	2	0
SILICA MG/L	10	7.0	9.6	5.3	8.8
SILVER UG/L	< .60	< 2.0	< 2.0	< .50	< .90
SODIUM MG/L	15	13	220	35	23
SPECIFIC COND UMHOS	432	494	991	481	669
STRONTIUM UG/L	110	100	< 40	100	100
SULFATE MG/L	28	36	43	20	42
TIN UG/L	< 6.0	< 14	< 12	< 5.0	34
TITANIUM UG/L	< 6.0	< 7.0	< 12	< 3.0	< 4.0
VANADIUM UG/L	< 6.0	< 7.0	< 12	< 3.0	< 4.0
ZINC UG/L	< 390	< 300	< 840	10	210
ZIRCONIUM UG/L	< 12	< 7.0	< 20	< 5.0	< 13

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

CHENANGO COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	421342075313700	AFTON(V)-SPRING
B	421725075285300	BAINBRIDGE(V)-YALEVILLE CREEK
C	421725075285301	BAINBRIDGE(V)-YALEVILLE CREEK
D	421946075461500	GREENE DISTRIBUTION SYSTEM - WELLS
E	422417075242400	GUILFORD WATER COMPANY-GUILFORD LAKE
F	423725075195700	NEW BERLIN(V)-WELL AND SPRINGS
G	423213075304300	NORWICH(C)-CHENANGO LAKE
H	423213075304301	NORWICH(C)-CHENANGO LAKE
I	422634075354900	OXFORD(V)-WELL

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	DISTRBN	RAW	TREATED	DISTRBN	DISTRBN	DISTRBN	RAW	TREATED	DISTRBN
DATE.....	01/29/73	02/28/72	02/28/72	02/28/72	01/29/73	01/29/73	02/28/72	02/28/72	03/13/74
ALUMINUM UG/L	19	82	6.0	2.0	30	30	46	38	7.0
ARSENIC UG/L	0	0	1	0	0	0	0	1	1
BARIUM UG/L	4.0	23	22	71	7.0	10	26	25	70
BERYLLIUM UG/L	< .50	< .30	< .30	< 1.0	< .30	< .80	< .50	< .50	< .80
BICARBONATE MG/L	84	32	38	154	21	155	62	64	126
BISMUTH UG/L	< 3.0	< 2.0	< 2.0	< 5.0	< 1.0	< 4.0	< 3.0	< 3.0	< 4.0
BORON UG/L	5.0	8.0	7.0	7.0	7.0	6.0	7.0	7.0	20
CADMIUM UG/L	0	0	0	0	0	1	0	0	0
CALCIUM MG/L	24	12	12	48	9.1	50	25	26	41
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	1.0	3.2	3.8	11	5.5	4.0	19	19	6.4
CHROMIUM UG/L	< 3	< 2	< 2	< 5	< 1	< 4	< 3	< 3	< 2
COBALT UG/L	< 2.0	< 2.0	< 2.0	< 5.0	< .70	< 3.0	< 3.0	< 3.0	< 4.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	15	3.0	1.0	5.0	83	50	3.0	20	17
CYANIDE MG/L	.01	0	0	0	.01	0	0	0	0
DISS SOLIDS SUM MG/L	97	57	57	183	44	160	111	113	143
FLUORIDE MG/L	.10	.10	.10	.10	.10	.10	.10	.10	.20
GALLIUM UG/L	< 1.0	< .30	< .30	< 1.0	< .50	2.0	< .50	< .50	< 2.0
GERMANIUM UG/L	< 3.0	< 2.0	< 2.0	< 5.0	< 1.0	< 4.0	< 3.0	< 3.0	< 4.0
HARDNESS TOTAL MG/L	84	40	39	157	29	147	78	80	125
HARDNESS NONCARB MG/L	15	14	15	31	12	20	27	28	22
IRON UG/L	7.0	210	100	12	120	50	95	37	10
LEAD UG/L	< 3.0	< 2.0	< 2.0	< 5.0	47	< 4.0	< 3.0	< 3.0	< 4.0
LITHIUM UG/L	< 10	< 10	< 10	10	< 10	< 10	< 10	< 10	0
MAGNESIUM MG/L	2.4	2.4	2.3	9.1	1.5	5.5	3.7	3.7	5.5
MANGANESE UG/L	< 1.0	66	2.0	< 5.0	17	< 3.0	52	< 3.0	< 2.0
MBAS MG/L	0	.01	.01	.03	.01	.01	.02	.02	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	1.0	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .50	< .20	< .20	< .70	< .30	< 2.0	< .40	< .40	< 1.0
NICKEL UG/L	< 3.0	< 2.0	< 2.0	< 5.0	1.0	< 4.0	< 3.0	< 3.0	< 3.0
NITRATE AS N MG/L	.30	.90	1.0	1.7	.09	1.3	.70	.80	2.4
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	0	.10	.19	.04	.03	.03	.16	.23	.04
PH UNITS	7.5	6.9	6.9	7.8	6.8	7.8	7.3	7.5	7.1
PHENOLS UG/L	--	1.0	3.0	1.0	--	--	0	--	--
PHOSPHORUS AS P MG/L	.01	.02	.00	.02	.03	.03	.01	.00	0
POTASSIUM MG/L	.30	.80	.80	.70	.80	.50	1.1	1.1	.80
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	<	2	8	0	0	0	0	4	2
SILICA MG/L	6.5	5.3	5.3	9.3	1.2	0.2	4.5	4.5	6.1
SILVER UG/L	< .30	< .30	< .30	< 1.0	< .10	< .40	< .50	< .50	< .40
SODIUM MG/L	2.1	2.8	3.0	4.4	4.5	3.5	9.0	8.9	4.4
SPECIFIC COND UMHOS	166	104	104	339	86	293	207	211	258
STRONTIUM UG/L	28	32	31	59	22	65	45	49	80
SULFATE MG/L	13	14	14	23	11	13	17	17	14
TIN UG/L	< 3.0	< 3.0	< 3.0	< 10	< 1.0	< 4.0	< 6.0	< 6.0	< 4.0
TITANIUM UG/L	< 1.0	3.0	< .60	< 3.0	.90	< 4.0	< 2.0	< 2.0	< 2.0
VANADIUM UG/L	< 3.0	< .60	< .60	< 3.0	< 1.0	< 4.0	< 2.0	< 2.0	< 2.0
ZINC UG/L	< 140	< 130	< 130	< 450	--	< 260	< 260	< 250	10
ZIRCONIUM UG/L	< 4.0	< 3.0	< 3.0	< 10	< 2.0	< 5.0	< 6.0	< 6.0	< 4.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

CHENANGO COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	424049075274700	SHERBURNE(V)-MAD BROOK
	B	424049075274701	SHERBURNE(V)-MAD BROOK

SYSTEM(S) ON THIS PAGE..	A	B
TYPE OF WATER SAMPLED...	RAW	TREATED
DATE.....	02/28/72	02/28/72
ALUMINUM UG/L	60	99
ARSENIC UG/L	2	0
BARIUM UG/L	10	12
BERYLLIUM UG/L	< .30	< .30
BICARBONATE MG/L	36	38
BISMUTH UG/L	< 2.0	< 2.0
BORON UG/L	6.0	8.0
CADMIUM UG/L	0	0
CALCIUM MG/L	14	15
CARBONATE MG/L	0	0
CHLORIDE MG/L	2.8	4.8
CHROMIUM UG/L	< 2	< 2
COBALT UG/L	< 2.0	< 2.0
COLIFORM COL/100 ML	--	--
COPPER UG/L	3.0	9.0
CYANIDE MG/L	0	0
DISS SOLIDS SUM MG/L	64	70
FLUORIDE MG/L	0	.10
GALLIUM UG/L	< .30	< .30
GERMANIUM UG/L	< 2.0	< 2.0
HARDNESS TOTAL MG/L	44	47
HARDNESS NONCARB MG/L	15	16
IRON UG/L	350	400
LEAD UG/L	< 2.0	< 2.0
LITHIUM UG/L	< 10	< 10
MAGNESIUM MG/L	2.3	2.4
MANGANESE UG/L	110	160
MBAS MG/L	.01	.03
MERCURY UG/L	< .50	< .50
MOLYBDENUM UG/L	< .20	< .20
NICKEL UG/L	< 2.0	< 2.0
NITRATE AS N MG/L	.40	.40
NITRITE AS N MG/L	--	--
NITROGEN NH4 AS N MG/L	--	--
NITROGEN NH4+ORG-N MG/L	.24	1.1
PH UNITS	7.1	7.1
PHENOLS UG/L	--	1.0
PHOSPHORUS AS P MG/L	.08	.02
POTASSIUM MG/L	1.2	1.3
RUBIDIUM UG/L	--	--
SELENIUM UG/L	<	7
SILICA MG/L	4.5	4.4
SILVER UG/L	< .30	< .30
SODIUM MG/L	2.0	4.3
SPECIFIC COND UMHOS	116	125
STRONTIUM UG/L	33	44
SULFATE MG/L	19	19
TIN UG/L	< 3.0	< 4.0
TITANIUM UG/L	2.0	3.0
VANADIUM UG/L	< .60	< .80
ZINC UG/L	< 140	190
ZIRCONIUM UG/L	< 3.0	< 4.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

CLINTON COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	445322073283001	AYERST LABORATORIES*CHAZY-WELL
B	445322073283000	AYERST LABORATORIES*CHAZY-WELL
C	442708073411300	BLACK BROOK WD #1-PALMER BROOK
D	442708073411301	BLACK BROOK WD #1-PALMER BROOK
E	442728073443200	BLACK BROOK WD #2-GROUND WATER
F	445911073265500	CHAMPLAIN(V)-GREAT CHAZY RIVER
G	444310073432000	CLINTON PRISON-CHAZY LAKE

SYSTEM(S) ON THIS PAGE..	A	A	B	B	C	D	E	F	G
TYPE OF WATER SAMPLED...	RAW	RAW	TREATED	TREATED	RAW	TREATED	DISTRBN	DISTRBN	DISTRBN
DATE.....	08/13/74	02/12/75	08/13/74	02/12/75	01/21/72	01/21/72	07/13/72	09/15/71	07/12/73
ALUMINUM UG/L	9.0	40	30	5.0	44	47	12	80	40
ARSENIC UG/L	1	2	1	1	6	5	2	4	0
BARIUM UG/L	17	190	95	18	8.0	11	5.0	33	13
BERYLLIUM UG/L	< .60	< 3.0	< 3.0	< .30	< .60	< .60	< .40	< .20	< .40
BICARBONATE MG/L	441	462	87	102	36	30	63	66	23
BISMUTH UG/L	< 3.0	< 9.0	< 10	< .70	< 3.0	< 3.0	< 2.0	< 2.0	< 1.0
BORON UG/L	21	53	25	18	3.0	4.0	5.0	6.0	4.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	140	130	24	29	9.1	8.0	16	18	7.9
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	22	21	2.5	2.4	.80	.60	3.5	6.5	3.6
CHROMIUM UG/L	< 1	< 12	< 6	< 1	< 3	< 3	< 2	< 2	< 1
COBALT UG/L	< 2.0	< 6.0	< 9.0	< .50	< 2.0	< 2.0	< 2.0	< 1.0	< .50
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	250	16	3.0	210	.50	.50	10	10	110
CYANIDE MG/L	0	.01	0	.01	0	0	0	0	.02
DISS SOLIDS SUM MG/L	573	573	125	141	56	50	80	80	38
FLUORIDE MG/L	0	0	0	0	.20	.20	.10	.10	.10
GALLIUM UG/L	< 1.3	< 3.0	< 4.0	.30	< .60	< .60	< .90	< .40	< .50
GERMANIUM UG/L	< 3.0	< 12	< 12	< 1.0	< 3.0	< 3.0	< 2.0	< 2.0	< 1.0
HARDNESS TOTAL MG/L	535	522	97	113	36	31	57	66	27
HARDNESS NONCARB MG/L	173	143	26	30	6	6	5	11	8
IRON UG/L	30	320	120	10	110	100	30	180	200
LEAD UG/L	< 2.0	< 10	< 10	2.0	< 3.0	< 3.0	< 2.0	2.0	4.0
LITHIUM UG/L	2.0	3.0	3.0	2.0	< 10	< 10	< 10	< 10	0
MAGNESIUM MG/L	45	48	9.0	9.9	3.2	2.7	4.1	5.0	1.7
MANGANESE UG/L	< 2.0	290	110	3.0	7.0	3.0	2.0	34	25
MBAS MG/L	.03	0	.02	0	.01	.01	.01	.04	.01
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .60	< 3.0	< 3.0	< .30	< .60	< .60	< .90	< 1.0	< .50
NICKEL UG/L	< 2.0	< 9.0	< 6.0	< .70	< 2.0	< 2.0	< 2.0	< 1.0	1.0
NITRATE AS N MG/L	.48	.61	.06	.08	.10	.10	0	0	.02
NITRITE AS N MG/L	.01	.01	0	.01	--	--	--	--	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.15	.15	.06	.22	.06	.17	.21	.42	.33
PH UNITS	7.4	6.9	7.1	6.7	7.2	7.2	7.5	7.4	7.3
PHENOLS UG/L	--	--	--	--	2.0	2.0	--	0	--
PHOSPHORUS AS P MG/L	.01	.01	.01	.01	.00	.01	.03	.02	.01
POTASSIUM MG/L	5.8	5.6	2.0	1.1	.30	.30	.40	1.1	.50
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	3	2	2	1	2	3	0	2	0
SILICA MG/L	12	11	11	11	13	12	17	1.9	3.7
SILVER UG/L	< .30	< 2.0	< 2.0	< .10	< .30	< .30	< .20	< .20	< .10
SODIUM MG/L	11	9.9	3.9	4.2	1.9	1.6	2.2	5.0	2.4
SPECIFIC COND UMHOS	850	1120	262	252	78	69	122	148	69
STRONTIUM UG/L	58	< 18	310	61	23	22	16	68	26
SULFATE MG/L	120	120	30	33	9.5	10	5.5	10	7.2
TIN UG/L	< 2.0	< 12	< 9.0	< 1.0	< 3.0	< 3.0	< 2.0	< 2.0	< 1.0
TITANIUM UG/L	< 2.0	< 9.0	< 6.0	1.0	< 2.0	< 2.0	< 2.0	3.0	< .70
VANADIUM UG/L	< 1.0	< 9.0	< 6.0	< .70	< 3.0	< 3.0	< 2.0	< 2.0	< .50
ZINC UG/L	30	10	10	20	< 56	< 57	100	< 100	0
ZIRCONIUM UG/L	< 3.0	< 20	< 13	< 2.0	< 6.0	< 6.0	< 5.0	< 3.0	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

CLINTON COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	444308073431400	DANNEMORA(V)-CHAZY LAKE
B	444536073251500	HOBBS SUBDIVISION-LAKE CHAMPLAIN
C	444347073543000	LYON MOUNTAIN WD-NEWDAM BROOK
D	444115073332500	MORRISONVILLE WD-RILEY BROOK
E	443335073360900	PERU WD-LITTLE AUSABLE RIVER
F	443335073360901	PERU WD-LITTLE AUSABLE RIVER
G	444142073300400	PLATTSBURGH(C)-WEST&MEADE RESERVOIRS

SYSTEM(S) ON THIS PAGE..	A	B	C	D	D	E	F	G	G
TYPE OF WATER SAMPLED...	DISTRBN	RAW	DISTRBN	DISTRBN	DISTRBN	RAW	TREATED	RAW	RAW
DATE.....	09/15/71	01/18/71	07/13/72	09/15/71	07/12/73	09/16/71	09/16/71	09/15/71	05/17/72
ALUMINUM UG/L	54	14	128	25	70	50	85	50	68
ARSENIC UG/L	14	0	5	10	0	1	6	2	10
BARIUM UG/L	20	9.0	19	20	17	13	17	18	12
BERYLLIUM UG/L	< .20	< .30	< .40	< .50	< 2.0	< .30	< .30	< .30	< .80
BICARBONATE MG/L	25	60	8	127	119	90	94	96	62
BISMUTH UG/L	< 1.0	< 2.0	< .40	< 4.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0
BORON UG/L	9.0	8.0	4.0	4.0	5.0	5.0	7.0	6.0	7.0
CADMIUM UG/L	0	--	0	0	0	1	0	0	0
CALCIUM MG/L	7.9	20	2.0	34	30	23	25	23	15
CARBONATE MG/L	0	2	0	0	0	0	0	0	0
CHLORIDE MG/L	3.6	9.2	1.5	34	16	5.0	10	1.3	1.3
CHROMIUM UG/L	< 1	< 2	< 1	< 4	< 2	< 2	< 2	< 2	< 4
COBALT UG/L	2.0	< 2.0	< .40	< 3.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	4.0	9.0	12	52	410	780	.70	8.0	4.0
CYANIDE MG/L	0	0	.01	0	.02	0	0	0	0
DISS SOLIDS SUM MG/L	39	87	25	188	146	106	119	94	69
FLUORIDE MG/L	.10	.10	.10	.10	.20	.10	.10	.10	.10
GALLIUM UG/L	< .30	< .90	< .40	< 1.0	< 2.0	< .60	< .60	< .60	< 2.0
GERMANIUM UG/L	< 2.0	< 2.0	< .90	< 5.0	< 4.0	< 3.0	< 3.0	< 3.0	< 4.0
HARDNESS TOTAL MG/L	27	63	9	126	109	89	96	85	58
HARDNESS NONCARB MG/L	7	10	3	22	11	15	19	6	7
IRON UG/L	210	18	46	150	150	350	110	190	99
LEAD UG/L	< 2.0	2.0	2.0	4.0	19	9.0	< 3.0	< 2.0	< 2.0
LITHIUM UG/L	< 10	.70	< 10	< 10	0	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	1.8	3.1	.60	10	8.3	7.6	8.2	6.7	5.0
MANGANESE UG/L	35	1.0	7.0	23	18	17	20	48	30
MBAS MG/L	.02	.02	.01	.03	.02	.02	.02	.02	.01
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .70	< .40	< .20	< 3.0	< 2.0	< 2.0	< 2.0	< 2.0	< .40
NICKEL UG/L	2.0	2.0	.70	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	< 2.0
NITRATE AS N MG/L	0	.10	.20	.30	.29	.20	.10	.10	.10
NITRITE AS N MG/L	--	.01	--	--	.01	--	--	--	--
NITROGEN NH4 AS N MG/L	--	.04	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.20	--	.14	.22	.15	.37	.24	.52	1.3
PH UNITS	6.9	8.5	6.8	7.7	8.0	7.8	7.5	7.5	7.6
PHENOLS UG/L	0	0	--	--	--	1.0	0	--	--
PHOSPHORUS AS P MG/L	.04	.03	.00	.04	.02	.02	.01	.07	.01
POTASSIUM MG/L	.50	.80	.10	1.1	1.0	1.2	1.2	.70	.60
RUBIDIUM UG/L	--	2.0	--	--	--	--	--	--	--
SELENIUM UG/L	0	2	0	2	0	6	0	6	1
SILICA MG/L	2.3	1.3	8.6	11	11	8.9	9.3	3.6	3.9
SILVER UG/L	< .10	.30	< .10	< .40	< .40	< .20	< .20	< .20	< .40
SODIUM MG/L	3.0	6.0	1.6	22	11	2.6	3.0	2.0	1.3
SPECIFIC CND UMHOS	70	155	38	329	257	182	204	164	128
STRONTIUM UG/L	52	180	12	180	81	65	63	68	37
SULFATE MG/L	7.7	15	5.7	13	9.4	13	16	8.9	11
TIN UG/L	< 2.0	< 2.0	< .90	< 5.0	< 4.0	< 3.0	< 3.0	< 3.0	< 4.0
TITANIUM UG/L	1.0	2.0	1.0	< 4.0	< 3.0	< 2.0	2.0	< 2.0	3.0
VANADIUM UG/L	< .70	< 1.0	< .40	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
ZINC UG/L	< 95	< 90	270	< 210	< 6.0	240	< 180	< 130	< 80
ZIRCONIUM UG/L	< 3.0	< 5.0	< .90	< 7.0	--	< 6.0	< 6.0	< 4.0	< 4.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

CLINTON COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	444142073300400	PLATTSBURGH(C)-WEST&MEADE RESERVOIRS

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	05/31/72	06/14/72	07/12/72	07/26/72	08/09/72	08/23/72	09/06/72	09/20/72	10/04/72
ALUMINUM UG/L	66	44	60	62	59	72	84	65	50
ARSENIC UG/L	2	6	6	13	12	3	7	8	3
BARIUM UG/L	15	13	17	17	16	20	16	14	14
BERYLLIUM UG/L	< .40	< .70	< .50	< 1.0	< 2.0	< .80	< .80	< .90	< .90
BICARBONATE MG/L	80	89	96	81	97	98	96	86	78
BISMUTH UG/L	< 2.0	< 3.0	< 3.0	< 2.0	< 6.0	< 2.0	< 3.0	< 4.0	< 2.0
BORON UG/L	6.0	10	5.0	6.0	6.0	4.0	4.0	4.0	6.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	20	23	24	22	25	24	25	21	21
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	1.4	1.5	1.5	1.1	1.0	1.2	.50	1.7	1.6
CHROMIUM UG/L	< 2	< 3	< 3	< 5	< 6	< 3	< 3	< 2	< 4
COBALT UG/L	< 2.0	< 3.0	< 3.0	< 2.0	< 3.0	< 15	< 3.0	< 2.0	< 4.0
COLIFORM COL/100 ML	--	1200	--	1400	120	60	530	970	1500
COPPER UG/L	6.0	4.0	14	18	10	25	9.0	38	28
CYANIDE MG/L	0	0	0	0	0	.01	.01	.01	.05
DISS SOLIDS SUM MG/L	85	91	98	86	98	96	94	87	83
FLUORIDE MG/L	.10	.10	0	.10	.10	.10	0	.10	.10
GALLIUM UG/L	< 1.0	< 1.0	< 3.0	< 2.0	< 3.0	< 1.0	< 2.0	< 2.0	< 2.0
GERMANIUM UG/L	< 3.0	< 4.0	< 6.0	< 5.0	< 6.0	< 2.0	< 3.0	< 4.0	< 4.0
HARDNESS TOTAL MG/L	75	84	91	91	92	89	89	78	75
HARDNESS NONCARB MG/L	9	11	12	14	12	9	10	7	11
IRON UG/L	150	120	170	180	160	190	190	250	270
LEAD UG/L	< 2.0	< 3.0	< 3.0	< 2.0	< 3.0	1.0	< 2.0	< 2.0	< 2.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	6.0	6.5	7.5	6.3	7.1	7.1	6.5	6.2	5.5
MANGANESE UG/L	64	57	51	48	54	65	64	46	36
MBAS MG/L	.02	.03	.01	.01	.01	.02	.01	.02	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 1.0	< 1.0	< .50	< .50	< .50	< 1.0	< 2.0	< .90	< .40
NICKEL UG/L	< 2.0	< 3.0	< 3.0	< 1.0	< 3.0	< 2.0	< 2.0	< 2.0	< .90
NITRATE AS N MG/L	.20	.10	.20	.10	.10	.06	.07	.05	.04
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.36	.22	.33	.33	.31	.24	.35	.45	.39
PH UNITS	7.5	7.8	7.7	7.6	7.8	8.1	8.3	8.0	7.7
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.02	.01	.02	.02	.02	.02	.02	.02	.02
POTASSIUM MG/L	.70	.60	.60	.60	.60	.60	.60	.60	.70
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	1	0	2	3	7	2	0
SILICA MG/L	3.7	3.8	4.1	4.7	5.0	4.4	3.7	4.1	5.4
SILVER UG/L	< .20	< .20	< .50	< .50	< .50	< .20	< .20	< .40	< .40
SODIUM MG/L	1.3	1.3	1.4	1.3	1.4	1.5	1.6	1.7	1.9
SPECIFIC COND UMHOS	156	164	176	151	172	174	171	136	142
STRONTIUM UG/L	43	75	52	48	50	46	54	42	49
SULFATE MG/L	12	10	11	10	9.8	8.5	8.5	9.5	8.1
TIN UG/L	< 2.0	< 3.0	< 6.0	< 5.0	< 6.0	7.0	< 3.0	< 4.0	< 4.0
TITANIUM UG/L	3.0	8.0	3.0	2.0	< 3.0	2.0	2.0	2.0	.80
VANADIUM UG/L	< 2.0	< 3.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0
ZINC UG/L	< 140	< 140	< 240	< 200	< 180	< 160	< 160	< 200	< 86
ZIRCONIUM UG/L	< 5.0	< 5.0	< 6.0	< 5.0	< 3.0	< 4.0	< 4.0	< 4.0	< 4.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

CLINTON COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	444142073300400	PLATTSBURGH(C)-WEST&MEADE RESERVOIRS

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	10/18/72	11/01/72	11/15/72	11/29/72	12/13/72	12/27/72	01/10/73	01/24/73	02/07/73
ALUMINUM UG/L	58	54	30	22	22	26	20	20	18
ARSENIC UG/L	4	0	10	0	0	0	10	0	0
BARIUM UG/L	15	13	14	15	12	13	12	15	12
BERYLLIUM UG/L	< .50	< .40	< .50	< .40	< .40	< .90	< .60	< .70	< .90
BICARBONATE MG/L	88	81	85	94	96	110	112	111	110
BISMUTH UG/L	< 3.0	< 2.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
BORON UG/L	5.0	5.0	6.0	4.0	4.0	4.0	3.0	5.0	4.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	20	21	22	25	25	27	30	29	29
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	1.8	2.2	2.0	1.6	2.4	2.5	2.2	1.6	2.0
CHROMIUM UG/L	< 3	< 2	< 3	< 3	< 2	< 3	< 3	< 3	< 3
COBALT UG/L	< 3.0	< 2.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
COLIFORM CUL/100 ML	< 40	54	25	K 9	--	< 12	22	21	42
COPPER UG/L	12	4.0	5.0	6.0	4.0	4.0	4.0	3.0	3.0
CYANIDE MG/L	0	.01	0	.01	--	0	.01	0	0
DISS SOLIDS SUM MG/L	88	87	91	99	103	114	117	115	114
FLUORIDE MG/L	.10	.10	0	.10	.10	.10	.10	.10	0
GALLIUM UG/L	< 1.0	< .90	< 1.0	< 2.0	< 2.0	< 2.0	< .90	< 1.0	< 2.0
GERMANIUM UG/L	< 3.0	< 2.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 2.0	< 3.0
HARDNESS TOTAL MG/L	78	77	81	92	96	103	111	109	106
HARDNESS NONCARB MG/L	5	11	12	15	17	13	19	18	16
IRON UG/L	230	230	170	160	110	82	84	85	59
LEAD UG/L	2.0	2.0	2.0	< 3.0	3.0	< 3.0	< 2.0	< 3.0	< 3.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	6.7	6.8	6.4	7.2	8.2	8.7	8.8	8.9	8.2
MANGANESE UG/L	37	25	23	15	20	20	20	17	17
MBAS MG/L	.02	.02	.03	.01	.01	.02	.02	.01	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 1.0	< .90	< 1.0	< 2.0	< 2.0	< 2.0	< .60	< 1.0	< 2.0
NICKEL UG/L	< 3.0	2.0	< 3.0	3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
NITRATE AS N MG/L	.07	.06	.04	.05	.20	.20	.20	.20	.20
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.36	.34	.32	.34	.24	.14	.09	.08	.21
PH UNITS	7.9	7.6	7.6	8.0	7.6	7.5	7.7	7.5	7.8
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.01	.02	.01	.01	.01	.01	.01	.01	.01
POTASSIUM MG/L	.80	1.0	.80	1.0	.70	.60	.60	.60	.80
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	4	2	2	5	0	1	0	2	0
SILICA MG/L	5.0	6.0	6.0	6.4	6.7	6.8	6.7	6.6	6.1
SILVER UG/L	< .30	< .20	< .30	< .30	< .30	< .30	< .30	< .30	< .30
SODIUM MG/L	1.9	2.2	1.7	1.7	1.8	1.9	1.7	2.0	1.8
SPECIFIC COND UMHOS	159	145	160	173	191	202	206	207	204
STRONTIUM UG/L	57	50	50	59	56	63	62	71	59
SULFATE MG/L	8.5	8.4	10	10	11	12	12	11	12
TIN UG/L	< 3.0	< 2.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
TITANIUM UG/L	3.0	2.0	2.0	< 3.0	< 3.0	< 3.0	< 2.0	< 2.0	< 3.0
VANADIUM UG/L	< 1.0	< 1.0	< 3.0	< 3.0	< 3.0	< 3.0	< 2.0	< 2.0	< 3.0
ZINC UG/L	< 150	0	10	30	0	8	0	0	10
ZIRCONIUM UG/L	< 4.0	< 3.0	< 4.0	< 5.0	< 4.0	< 3.0	< 3.0	< 5.0	< 6.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

CLINTON COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	444142073300400	PLATTSBURGH(C)-WEST&MEADE RESERVOIRS
B	444142073300401	PLATTSBURGH(C)-WEST&MEADE RESERVOIRS
C	443627073483000	REDFORD WU-MUD POND
D	444319073244900	ROCKY POINT COMMUNITY-LAKE CHAMPLAIN

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	B	C	D
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	TREATED	DISTRBN	DISTRBN
DATE.....	02/21/73	03/07/73	03/21/73	04/04/73	04/18/73	05/02/73	09/15/71	07/13/72	07/12/72
ALUMINUM UG/L	13	10	110	80	46	48	50	100	75
ARSENIC UG/L	0	0	0	0	0	0	9	18	2
BARIUM UG/L	11	14	10	10	11	11	18	9.0	12
BERYLLIUM UG/L	< .60	< .90	< .70	< .60	< .70	< .80	< .30	< 2.0	< .40
BICARBONATE MG/L	107	108	71	58	74	85	84	29	51
BISMUTH UG/L	< 3.0	< 3.0	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 2.0	< 2.0
BORON UG/L	3.0	3.0	4.0	5.0	5.0	4.0	5.0	9.0	4.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	29	28	19	19	21	22	23	8.0	16
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	2.0	2.7	2.0	1.5	2.0	1.3	6.3	9.0	9.1
CHROMIUM UG/L	< 3	< 3	< 2	< 2	< 2	< 3	< 2	< 2	< 2
COBALT UG/L	< 3.0	< 3.0	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 2.0	3.0
COLIFORM COL/100 ML	20	30	44	80	--	120	--	--	--
COPPER UG/L	3.0	4.0	6.0	2.0	2.0	8.0	10	580	17
CYANIDE MG/L	0	0	.01	.03	.01	.01	.01	.01	0
DISS SOLIDS SUM MG/L	113	113	80	79	81	90	94	54	78
FLUORIDE MG/L	.10	.10	0	.30	.10	.20	1.0	.10	.10
GALLIUM UG/L	< 2.0	< 2.0	< .90	< .90	< .90	< 1.0	< .60	< 2.0	< .90
GERMANIUM UG/L	< 3.0	< 3.0	< 2.0	< 2.0	< 2.0	< 3.0	< 3.0	< 3.0	< 2.0
HARDNESS TOTAL MG/L	107	106	72	70	76	83	85	30	54
HARDNESS NONCARB MG/L	20	18	14	14	15	13	16	6	13
IRON UG/L	47	53	93	92	67	80	120	550	210
LEAD UG/L	< 3.0	< 3.0	9.0	< 2.0	< 2.0	< 3.0	< 2.0	4.0	7.0
LITHIUM UG/L	< 10	< 10	< 10	--	--	--	< 10	< 10	< 10
MAGNESIUM MG/L	8.5	8.8	6.0	5.9	5.7	6.8	6.7	2.4	3.5
MANGANESE UG/L	11	13	32	13	10	25	23	53	17
MBAS MG/L	.02	.02	.02	.02	.02	.01	.03	.06	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	25	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 2.0	< .90	< .90	< .90	< 1.0	< 2.0	< .60	< .90
NICKEL UG/L	< 3.0	< 3.0	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	2.0	2.0
NITRATE AS N MG/L	.20	.20	.20	.20	.10	.20	.10	0	.09
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.34	.07	.15	.39	.14	.25	.55	.80	.45
PH UNITS	7.7	7.6	7.2	7.6	7.8	7.4	7.1	7.1	7.4
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.01	.01	.01	.02	.01	.01	.04	.03	.03
POTASSIUM MG/L	.70	.70	.60	.70	.50	.60	.70	.10	1.1
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	1	2	1	2	1	0	1	1
SILICA MG/L	6.5	6.8	5.0	4.6	4.7	4.5	4.0	5.9	.70
SILVER UG/L	< .30	< .30	< .20	< .20	< .20	< .30	< .20	< .30	< .20
SODIUM MG/L	1.7	1.7	1.4	2.0	1.4	1.4	2.3	7.2	7.4
SPECIFIC COND UMHOS	194	203	134	131	103	157	171	92	146
STRONTIUM UG/L	44	59	53	38	44	40	66	21	84
SULFATE MG/L	12	11	11	12	9.5	11	8.5	7.5	15
TIN UG/L	< 3.0	< 3.0	< 2.0	< 2.0	< 2.0	< 3.0	< 3.0	< 3.0	< 2.0
TITANIUM UG/L	< 3.0	< 3.0	< 2.0	2.0	< 2.0	< 3.0	< 2.0	2.0	7.0
VANADIUM UG/L	< 3.0	< 3.0	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 2.0	< 2.0
ZINC UG/L	0	0	0	0	0	20	< 120	< 62	521
ZIRCONIUM UG/L	< 6.0	< 7.0	< 5.0	< 4.0	< 5.0	< 5.0	< 4.0	< 3.0	< 5.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

CLINTON COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	445940073213100	ROUSES POINT(V)-LAKE CHAMPLAIN
B	445940073213101	ROUSES POINT(V)-LAKE CHAMPLAIN

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	B	B	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	TREATED	TREATED	TREATED	TREATED
DATE.....	01/18/71	07/15/71	10/14/71	01/20/72	04/07/72	01/18/71	07/15/71	10/14/71	01/20/72
ALUMINUM UG/L	21	25	17	54	54	9.0	4.0	7.0	5.0
ARSENIC UG/L	0	10	3	3	16	0	0	3	2
BARIUM UG/L	13	9.0	9.0	10	12	11	5.0	9.0	11
BERYLLIUM UG/L	< .50	< .40	< .80	< .50	< .40	< .50	< .40	< .80	< .50
BICARBONATE MG/L	62	58	58	59	54	60	62	53	58
BISMUTH UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
BORON UG/L	8.0	7.0	6.0	8.0	7.0	9.0	4.0	7.0	8.0
CADMIUM UG/L	1	0	0	1	0	0	0	0	0
CALCIUM MG/L	20	15	17	18	14	20	16	17	18
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	6.1	6.0	6.1	6.6	6.5	6.5	7.2	7.9	7.1
CHROMIUM UG/L	< 2	1	4	< 2	< 2	< 2	< 1	< 2	< 2
COBALT UG/L	< 2.0	< .40	< 2.0	< 2.0	< 2.0	< 2.0	< .80	< 2.0	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	23	6.0	2.0	5.0	1.0	22	16	30	29
CYANIDE MG/L	0	0	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	86	69	75	81	84	86	72	75	82
FLUORIDE MG/L	0	0	.10	.10	.10	0	.10	.10	.10
GALLIUM UG/L	< .90	< .80	< 2.0	< .50	< 2.0	< .90	< .80	< 2.0	< .50
GERMANIUM UG/L	< 2.0	< 2.0	< 4.0	< 2.0	< 5.0	< 2.0	< 2.0	< 4.0	< 2.0
HARDNESS TOTAL MG/L	66	51	58	53	66	66	56	58	63
HARDNESS NONCARB MG/L	16	10	11	15	14	17	14	15	16
IRON UG/L	28	70	40	100	87	19	17	16	19
LEAD UG/L	3.0	3.0	< 2.0	83	< .90	2.0	< .80	< 2.0	2.0
LITHIUM UG/L	.50	.50	< 10	< 10	< 10	.50	.30	< 10	< 10
MAGNESIUM MG/L	4.0	3.4	3.8	4.4	4.5	4.0	4.0	3.8	4.5
MANGANESE UG/L	4.0	21	4.0	6.0	17	1.0	3.0	2.0	< .90
MBAS MG/L	.02	.03	.01	.02	.10	.02	.03	.02	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .50	.70	< .40	< .50	< .40	< .50	.30	< .30	< .50
NICKEL UG/L	2.0	3.0	2.0	2.0	< 2.0	2.0	3.0	< 2.0	< 2.0
NITRATE AS N MG/L	.26	0	0	.28	.38	.24	0	.10	.20
NITRITE AS N MG/L	.01	.02	--	--	--	.01	.01	--	--
NITROGEN NH4 AS N MG/L	.05	.18	--	--	--	.08	.17	--	--
NITROGEN NH4+ORG-N MG/L	--	.33	.41	.21	.45	--	.12	.24	.12
PH UNITS	7.3	7.5	7.6	7.7	7.5	7.4	7.8	7.3	7.3
PHENOLS UG/L	0	0	2.0	0	0	0	2.0	2.0	--
PHOSPHORUS AS P MG/L	.04	.02	.10	.03	.08	.04	.01	.67	.02
POTASSIUM MG/L	.90	1.2	1.2	1.2	1.8	.90	1.2	1.1	1.1
RUBIDIUM UG/L	1.0	1.0	--	--	--	.90	< .80	--	--
SELENIUM UG/L	0	5	0	3	7	1	4	4	4
SILICA MG/L	2.4	.50	.80	1.3	2.5	2.4	.40	1.9	1.9
SILVER UG/L	2.0	< .10	< .20	.20	< .40	.10	< .10	< .20	< .20
SODIUM MG/L	4.2	4.2	4.7	4.9	4.8	4.2	4.2	4.6	4.6
SPECIFIC CONJ UMHOS	156	136	141	149	158	157	136	140	151
STRONTIUM UG/L	92	78	130	99	71	100	38	81	91
SULFATE MG/L	16	14	13	15	16	16	13	13	16
TIN UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 2.0	< 2.0	< 2.0
TITANIUM UG/L	2.0	.80	1.0	8.0	3.0	1.0	< .80	< .80	< 2.0
VANADIUM UG/L	< 2.0	< .80	< .80	2.0	< 2.0	< 2.0	< .80	< .80	< 2.0
ZINC UG/L	130	190	< 77	< 90	< 93	< 85	< 75	< 75	< 90
ZIRCONIUM UG/L	< 5.0	< 3.0	< 4.0	< 5.0	< 5.0	< 5.0	< 3.0	< 4.0	< 5.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

CLINTON COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	445940073213101	ROUSES POINT(V)-LAKE CHAMPLAIN
	B	444125073570400	STANDISH WD-STANDISH BROOK

SYSTEM(S) ON THIS PAGE..	A	B
TYPE OF WATER SAMPLED...	TREATED	DISTRBN
DATE.....	06/07/72	07/13/72
ALUMINUM UG/L	1>	360
ARSENIC UG/L	1<	13
BARIUM UG/L	1<	25
BERYLLIUM UG/L	< .40	< .70
BICARBONATE MG/L	55	9
BISMUTH UG/L	< 2.0	< .70
BORON UG/L	7.0	5.0
CADMIUM UG/L	0	0
CALCIUM MG/L	18	3.4
CARBONATE MG/L	0	0
CHLORIDE MG/L	7.4	2.0
CHROMIUM UG/L	< 2	1
COBALT UG/L	< 2.0	.90
COLIFORM COL/100 ML	--	--
COPPER UG/L	28	49
CYANIDE MG/L	0	0
DISS SOLIDS SUM MG/L	83	30
FLUORIDE MG/L	.10	.10
GALLIUM UG/L	< 2.0	< .70
GERMANIUM UG/L	< 5.0	< 2.0
HARDNESS TOTAL MG/L	54	12
HARDNESS NONCARB MG/L	19	5
IRON UG/L	43	1000
LEAD UG/L	1.0	3.0
LITHIUM UG/L	< 10	< 10
MAGNESIUM MG/L	4.5	.90
MANGANESE UG/L	11	92
MBAS MG/L	.03	.03
MERCURY UG/L	< .50	< .50
MOLYBDENUM UG/L	< .40	< .30
NICKEL UG/L	< 2.0	3.0
NITRATE AS N MG/L	.30	.04
NITRITE AS N MG/L	--	--
NITROGEN NH4 AS N MG/L	--	--
NITROGEN NH4+ORG-N MG/L	.42	.25
PH UNITS	7.4	6.7
PHENOLS UG/L	0	--
PHOSPHORUS AS P MG/L	.06	.01
POTASSIUM MG/L	1.6	0
RUBIDIUM UG/L	--	--
SELENIUM UG/L	<	3
SILICA MG/L	6.6	8.0
SILVER UG/L	< .40	< .10
SODIUM MG/L	4.5	2.0
SPECIFIC COND UMHOS	130	36
STRONTIUM UG/L	70	14
SULFATE MG/L	10	9.5
TIN UG/L	< 5.0	< 2.0
TITANIUM UG/L	< .90	22
VANADIUM UG/L	< 2.0	< .70
ZINC UG/L	< 91	71
ZIRCONIUM UG/L	< 5.0	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

COLUMBIA COUNTY

COLUMN(S) IN THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND TYPE SOURCE OF WATER SAMPLED
A	422136073262001	CHATHAM(V)-WELLS
B	422136073262000	CHATHAM(V)-WELLS
C	422153073260300	GREENPORT WD #1-WELLS
D	421429073264400	HUDSON(C)-CHUCHTOWN RESERVOIR
E	421429073264401	HUDSON(C)-CHUCHTOWN RESERVOIR
F	422343073253400	KINDERHOOK(V)-WELLS
G	421434073241100	PHILMONT(V)-FOREST LAKE
H	421706073263101	STOCKPORT #001-WELLS
I	421706073263100	STOCKPORT #001-WELLS

SYSTEM(S) ON THIS PAGE...	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	RAW	TREATED	DISTRIB	RAW	TREATED	DISTRIB	DISTRIB	RAW	TREATED
DATE.....	11/01/71	11/01/71	11/01/71	11/24/71	11/24/71	11/01/71	11/01/71	03/26/73	04/24/73
ALUMINUM UG/L	20	21	3.0	40	14	5.0	13	40	7.0
ARSENIC UG/L	0	0	0	2	1	0	0	2	0
BARIUM UG/L	90	90	74	10	9.0	190	38	85	100
BERYLLIUM UG/L	< .50	< .50	< 2.0	< .50	< .50	< 2.0	< .50	< 2.0	< 4.0
BICARBONATE MG/L	84	84	214	40	14	170	82	142	228
BISMUTH UG/L	< 2.0	< 2.0	< 5.0	< 2.0	< 2.0	< 5.0	< 2.0	< 4.0	< 10
BORON UG/L	13	12	22	8.0	9.0	15	10	25	56
CADMIUM UG/L	0	0	0	0	1	0	0	0	0
CALCIUM MG/L	23	24	54	13	14	17	22	36	45
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	12	12	7.7	11	11	23	7.7	11	51
CHROMIUM UG/L	3	< 3	< 3	< 2	< 2	< 4	< 3	< 2	< 5
COBALT UG/L	< 2.0	< 2.0	< 5.0	< 4.0	5.0	< 5.0	< 2.0	< 4.0	< 10
COLIFORM CULTURE ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	190	180	540	14	14	340	240	240	25
CYANIDE MG/L	0	.01	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	110	104	304	58	64	272	87	155	476
FLUORIDE MG/L	0	0	.10	.10	.10	.10	0	.00	.30
GALLIUM UG/L	< .50	< .50	< 2.0	< .50	< .50	< 2.0	< .50	< 2.0	< 5.0
GERMANIUM UG/L	< 3.0	< 3.0	< 7.0	< 4.0	< 2.0	< 4.0	< 3.0	< 4.0	< 10
HARDNESS TOTAL MG/L	77	77	241	44	54	238	95	116	311
HARDNESS NONCARB MG/L	25	26	92	11	15	45	14	0	124
IRON UG/L	130	44	120	570	540	14	1700	3200	1400
LEAD UG/L	17	2.0	< 5.0	< 2.0	4.0	< 4.0	16	< 4.0	< 10
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	0	10
MAGNESIUM MG/L	3.0	3.0	10	2.7	2.7	11	2.4	5.3	24
MANGANESE UG/L	540	540	12	140	130	61	120	450	1200
MBAS MG/L	.02	.02	0	.04	.04	.07	.03	.01	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .50	< .50	< 2.0	< .50	< .50	< 3.0	< .50	< 2.0	< 5.0
NICKEL UG/L	40	< 2.0	< 5.0	3.0	4.0	< 5.0	7.0	< 4.0	< 10
NITRATE AS N MG/L	.40	.40	0	.20	.20	7.2	.20	.01	.11
NITRITE AS N MG/L	--	--	--	--	--	--	--	.00	.00
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN AMMONIUM MG/L	.01	.00	.05	.09	.22	0	.04	.01	.75
PH UNITS	7.1	7.2	7.4	7.1	6.9	7.3	7.6	7.5	7.9
PHENOLS UG/L	4.0	3.0	5.0	4.1	2.0	3.0	5.0	--	--
PHOSPHORUS AS P MG/L	0	0	0	1.4	1.4	.15	.13	.50	.41
POTASSIUM MG/L	1.4	1.4	.40	.40	.40	1.6	.10	2.7	5.1
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	1	0	5	2	1	0	2	0
SILICA MG/L	5.5	5.5	11	8.1	8.4	8.3	8.1	11	11
SILVER UG/L	< .20	< .20	< .50	< .10	< .10	< .20	< .20	< .70	< 2.0
SODIUM MG/L	7.5	7.5	5.1	5.0	4.5	7.3	6.7	7.1	45
SPECIFIC COND UMHOS	144	201	444	141	143	448	155	281	855
STRONTIUM UG/L	130	130	180	150	140	250	140	170	1100
SULFATE MG/L	23	22	78	21	19	93	25	43	140
TIN UG/L	< 3.0	< 3.0	< 7.0	< 2.0	< 2.0	< 4.0	< 3.0	< 4.0	< 10
TITANIUM UG/L	< 2.0	< 2.0	< 5.0	8.0	< .40	< 5.0	< 2.0	< 3.0	< 5.0
VANADIUM UG/L	< 3.0	< 3.0	< 7.0	< .50	< .40	< 4.0	< 3.0	< 2.0	< 5.0
ZINC UG/L	200	< 110	< 100	< 80	180	< 400	1400	10	30
ZIRCONIUM UG/L	< 0.0	< 5.0	< 15	< 4.0	< 4.0	< 12	< 5.0	< 7.0	< 15

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

COLUMBIA COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	421910073450700	STOCKPORT WD#2-WELLS
	B	422452073403300	VALATIE(V)-WELLS

SYSTEM(S) ON THIS PAGE..	A	B
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN
DATE.....	09/24/73	11/01/71
ALUMINUM UG/L	30	4.0
ARSENIC UG/L	0	0
BARIUM UG/L	60	130
BERYLLIUM UG/L	< 1.0	< 1.0
BICARBONATE MG/L	81	80
BISMUTH UG/L	< 4.0	< 3.0
BORON UG/L	20	50
CADMIUM UG/L	0	0
CALCIUM MG/L	26	36
CARBONATE MG/L	0	0
CHLORIDE MG/L	15	44
CHROMIUM UG/L	< 2	< 5
COBALT UG/L	< 3.0	< 3.0
COLIFORM COL/100 ML	--	--
COPPER UG/L	<.0	800
CYANIDE MG/L	0	0
DISS SOLIDS SUM MG/L	135	198
FLUORIDE MG/L	.40	.10
GALLIUM UG/L	< 2.0	< 1.0
GERMANIUM UG/L	< 4.0	< 5.0
HARDNESS TOTAL MG/L	90	128
HARDNESS NONCARB MG/L	22	63
IRON UG/L	870	310
LEAD UG/L	< 3.0	20
LITHIUM UG/L	0	< 10
MAGNESIUM MG/L	6.2	9.3
MANGANESE UG/L	190	61
MBAS MG/L	.01	.03
MERCURY UG/L	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 1.0
NICKEL UG/L	< 3.0	9.0
NITRATE AS N MG/L	.10	1.6
NITRITE AS N MG/L	.00	--
NITROGEN NH4 AS N MG/L	--	--
NITROGEN NH4+ORG-N MG/L	.04	.04
PH UNITS	7.4	6.7
PHENOLS UG/L	--	3.0
PHOSPHORUS AS P MG/L	.03	.01
POTASSIUM MG/L	1.2	2.8
RUBIDIUM UG/L	--	--
SELENIUM UG/L	1	1
SILICA MG/L	8.6	8.6
SILVER UG/L	< .50	< .30
SODIUM MG/L	10	22
SPECIFIC COND UMHOS	244	359
STRONTIUM UG/L	190	180
SULFATE MG/L	27	34
TIN UG/L	< 4.0	< 5.0
TITANIUM UG/L	< 3.0	< 3.0
VANADIUM UG/L	< 2.0	< 5.0
ZINC UG/L	110	< 200
ZIRCONIUM UG/L	< 5.0	< 10

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

CORTLAND COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	423230075535600	CINCINNATUS WD-SPRING AND WELL
B	423556076105200	CORTLAND(C)-WELLS
C	423422076123700	CORTLANDVILLE WD #1-WELL
D	423035076112200	HOMER(V)-TWO WELLS
E	422625076020600	MARATHON(V)-SPRINGS
F	423500076050001	MCGRAW(V)-WELL
G	423500076050000	MCGRAW(V)-WELL

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	RAW	TREATED
DATE.....	01/24/73	02/01/72	11/06/73	11/06/73	11/06/73	11/06/73	11/06/73
ALUMINUM UG/L	10	8.0	5.0	5.0	3.0	25	5.0
ARSENIC UG/L	0	0	1	< 1	0	< 1	1
BARIUM UG/L	34	38	24	34	24	6.0	6.0
BERYLLIUM UG/L	< 2.0	< 3.0	< 1.0	< 1.0	< .40	< .80	< .70
BICARBONATE MG/L	114	202	152	150	76	114	115
BISMUTH UG/L	< 4.0	< 13	< 5.0	< 5.0	< 3.0	< 4.0	< 4.0
BORON UG/L	12	9.0	4.0	8.0	6.0	3.0	4.0
CADMIUM UG/L	0	0	0	0	1	0	0
CALCIUM MG/L	47	84	46	48	23	29	29
CARBONATE MG/L	0	0	0	0	0	0	0
CHLORIDE MG/L	14	20	19	8.9	8.4	9.5	10
CHROMIUM UG/L	< 4	< 13	< 2	< 2	< 1	< 2	< 2
COBALT UG/L	< 4.0	< 6.0	< 4.0	< 4.0	< 2.0	< 3.0	< 3.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--
COPPER UG/L	25	140	10	10	14	< 1.0	4.0
CYANIDE MG/L	0	0	.02	0	.01	.01	.01
DISS SOLIDS SUM MG/L	154	237	183	164	95	131	131
FLUORIDE MG/L	.10	0	.20	.10	.10	.20	.20
GALLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0
GERMANIUM UG/L	< 4.0	< 13	< 4.0	< 4.0	< 2.0	< 3.0	< 3.0
HARDNESS TOTAL MG/L	127	213	158	145	74	109	109
HARDNESS NONCARB MG/L	34	48	25	22	17	16	15
IRON UG/L	10	16	20	5.0	96	17	11
LEAD UG/L	< 4.0	15	< 4.0	< 4.0	6.0	< 3.0	< 3.0
LITHIUM UG/L	< 10	< 10	0	0	0	0	0
MAGNESIUM MG/L	2.4	13	8.5	11	4.1	9.0	9.0
MANGANESE UG/L	< 2.0	< 4.0	< 2.0	< 2.0	2.0	15	5.0
MBAS MG/L	.04	.04	0	0	0	0	0
MERCURY UG/L	.70	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 3.0	< 2.0	< 2.0	< .80	< 1.0	< 1.0
NICKEL UG/L	< 4.0	< 6.0	< 4.0	< 4.0	< 2.0	< 3.0	< 3.0
NITRATE AS N MG/L	3.9	3.3	2.1	3.3	1.1	1.0	1.0
NITRITE AS N MG/L	--	--	.00	.00	.00	.00	.00
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	0	0	.06	.02	.04	.03	.04
PH UNITS	7.3	7.7	8.0	8.0	7.4	8.3	7.9
PHENOLS UG/L	--	2.0	--	--	--	--	--
PHOSPHORUS AS P MG/L	.02	.00	0	0	0	.00	.00
POTASSIUM MG/L	1.1	.70	1.1	.90	1.1	.50	.60
RUBIDIUM UG/L	--	--	--	--	--	--	--
SELENIUM UG/L	2	0	0	0	0	1	2
SILICA MG/L	5.5	6.6	4.5	4.7	4.3	7.9	7.9
SILVER UG/L	< .40	< 2.0	< .70	< .70	< .40	< .50	< .50
SODIUM MG/L	5.6	7.2	9.7	4.5	5.2	5.0	5.2
SPECIFIC COND UMHOS	302	435	350	358	182	242	245
STRONTIUM UG/L	50	92	62	68	37	42	47
SULFATE MG/L	16	23	17	17	13	13	12
TIN UG/L	< 4.0	< 13	< 5.0	< 5.0	< 2.0	< 3.0	< 3.0
TITANIUM UG/L	< 4.0	< 6.0	< 2.0	< 3.0	< 1.0	2.0	< 2.0
VANADIUM UG/L	< 4.0	< 6.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0
ZINC UG/L	< 250	320	40	250	90	40	60
ZIRCONIUM UG/L	< 8.0	< 13	< 7.0	< 7.0	< 4.0	< 5.0	< 5.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

DELAWARE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	421123074470600	ANDES(T)-SPRING
B	420852074365600	ARKVILLE WD-RESERVOIR
C	422000074482900	BLOOMVILLE-SPRING
D	421543074471200	BOVINA CENTER(U)-COULTER BROOK
E	421223074581800	DELANCY WATER COMPANY-RESERVOIR
F	421731074555400	DELHI(V)-STEEL BROOK
G	421731074555401	DELHI(V)-STEEL BROOK
H	420432074595500	DOWNSVILLE WD-SPRINGS
I	422144074294600	GRAND GORGE WATER DISTRICT-TWO WELLS

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	RAW	TREATED	DISTRBN	DISTRBN
DATE.....	10/16/72	10/12/72	10/12/72	10/12/72	10/12/72	09/27/71	09/27/71	07/11/73	03/26/75
ALUMINUM UG/L	50	60	38	56	72	200	330	5.0	20
ARSENIC UG/L	0	0	0	0	1	0	0	0	5
BARIUM UG/L	15	16	48	10	11	44	35	35	300
BERYLLIUM UG/L	< .30	< .20	< .60	< .20	< .20	< .30	< .50	< .70	< .60
BICARBONATE MG/L	22	15	32	20	32	36	52	16	173
BISMUTH UG/L	< 1.0	< .70	< 2.0	< .90	< .90	< 2.0	< 3.0	< 3.0	< 3.0
BORON UG/L	5.0	3.0	8.0	5.0	5.0	10	6.0	8.0	160
CADMIUM UG/L	0	0	0	0	0	0	0	0	1
CALCIUM MG/L	8.1	6.8	13	6.2	7.8	11	11	5.1	19
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	14	5.4	9.0	6.2	3.0	8.0	9.4	1.5	130
CHROMIUM UG/L	< 1	< 1	< 3	< 1	< 1	< 2	< 3	< 1	< 3
COBALT UG/L	< 1.0	< .70	< 3.0	1.0	< .90	< .70	< 1.0	< .30	< 3.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	890	620	20	100	8.0	36	3.0	1000	20
CYANIDE MG/L	0	0	0	0	0	0	0	.01	.02
DISS SOLIDS SUM MG/L	56	37	61	48	44	58	89	29	368
FLUORIDE MG/L	.10	.10	.10	.10	.10	.10	1.3	.10	.50
GALLIUM UG/L	< .50	< .30	< 2.0	< .40	< .40	< 7.0	< 10	< .40	< 1.0
GERMANIUM UG/L	< 2.0	< 1.0	< 3.0	< 2.0	< 2.0	< 4.0	< 5.0	< .70	< 3.0
HARDNESS TOTAL MG/L	32	24	40	24	38	41	41	19	61
HARDNESS NONCARB MG/L	14	11	14	8	4	12	0	6	0
IRON UG/L	80	200	440	140	100	350	74	45	60
LEAD UG/L	6.0	2.0	5.0	1.0	5.0	6.0	< 3.0	3.0	< 2.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 2.0	210
MAGNESIUM MG/L	2.8	1.6	1.9	2.1	2.5	3.3	3.3	1.6	3.3
MANGANESE UG/L	3.0	24	25	14	15	170	16	2.0	90
MBAS MG/L	.01	.03	.02	.02	.01	.02	.03	0	0
MERCURY UG/L	< .50	< .50	.60	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .50	< .30	< .60	< .40	< 4.0	< .30	< .50	3.0	5.0
NICKEL UG/L	2.0	1.0	2.0	1.0	10	2.0	< 3.0	2.0	< 2.0
NITRATE AS N MG/L	.50	.60	.70	.40	.10	.70	.60	.32	0
NITRITE AS N MG/L	--	--	--	--	--	--	--	.13	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.19	.14	.14	.19	.32	.57	.35	.05	.01
PH UNITS	7.0	7.1	7.5	7.5	7.4	7.4	7.3	6.8	7.4
PHENOLS UG/L	--	--	--	--	--	0	0	--	--
PHOSPHORUS AS P MG/L	.03	.01	.01	.02	.02	.09	.04	.00	.47
POTASSIUM MG/L	.40	.20	.70	.40	.60	2.0	2.1	.30	.50
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	2	0	0	2	4	0	0	1
SILICA MG/L	5.2	3.8	7.1	4.1	3.6	3.6	4.1	3.8	7.6
SILVER UG/L	< .10	< .07	< .30	< .09	< .09	< .20	< .20	< .10	< .30
SODIUM MG/L	5.5	2.2	3.7	2.8	2.0	4.1	17	1.3	120
SPECIFIC COND UMHOS	101	57	107	59	72	108	163	53	700
STRONTIUM UG/L	20	21	34	15	17	39	46	30	380
SULFATE MG/L	8.2	8.7	9.2	9.2	8.2	9.1	15	6.5	1.7
TIN UG/L	< 1.0	< .70	< 3.0	< .90	8.0	< 2.0	< 3.0	< .70	< 3.0
TITANIUM UG/L	2.0	3.0	.80	3.0	5.0	8.0	< 1.0	< .50	< 2.0
VANADIUM UG/L	< 1.0	< .70	< 3.0	< .90	< .90	< .70	< 1.0	< .30	< 3.0
ZINC UG/L	< 50	< 31	420	< 40	< 45	< 68	< 98	10	10
ZIRCONIUM UG/L	< 2.0	< 1.0	< 3.0	< 2.0	< 2.0	< 4.0	< 5.0	< 1.0	< 4.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

DELAWARE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	421224074360700	HALCOTTVILLE WATER COMPANY-BIG HOLLOW CREEK
B	415717075170100	HANCOCK(V)-REAR BROOK RESERVOIR
C	422717074401300	HOBART WATER COMPANY-TOWN BROOK
D	421851075240500	SIDNEY(V)-PECKHAM & COLLAR BROOKS
E	421730075152400	SIDNEY CENTER-WILLOW BROOK
F	422536074371000	STAMFORD(V)-TRAVIS POND
G	422536074371001	STAMFORD(V)-TRAVIS POND
H	421007075081301	WALTON WATER CO-CURRY WELL
I	421007075081300	WALTON WATER CO-CURRY WELL

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	RAW	TREATED	RAW	TREATED
DATE.....	10/12/72	09/28/71	10/12/72	09/28/71	10/12/72	09/27/71	09/27/71	09/28/71	09/28/71
ALUMINUM UG/L	50	13	37	6.0	230	26	7.0	14	40
ARSENIC UG/L	3	0	0	0	1	2	3	0	0
BARIUM UG/L	13	36	21	83	5.0	22	21	65	61
BERYLLIUM UG/L	< .30	< .30	< .40	< .60	< .80	< .20	< .20	< .50	< .40
BICARBONATE MG/L	42	28	14	96	40	27	24	46	46
BISMUTH UG/L	< 2.0	< .70	< .80	3.0	< 2.0	< 1.0	< 2.0	< 3.0	< 2.0
BORON UG/L	6.0	12	5.0	14	10	6.0	8.0	36	32
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	13	15	6.9	33	11	11	10	15	15
CARBONATE MG/L	0	0	0	0	4	0	0	0	0
CHLORIDE MG/L	5.0	12	5.8	5.4	10	5.5	7.5	13	15
CHROMIUM UG/L	< 2	< 2	< 2	< 3	< 4	< 1	1	< 3	< 2
COBALT UG/L	< 2.0	< .30	< 2.0	< 2.0	< 4.0	< .50	< .50	< 1.0	< 1.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	50	170	160	3.0	4.0	19	16	11	8.0
CYANIDE MG/L	0	0	.01	0	0	0	0	.01	0
DISS SOLIDS SUM MG/L	63	66	39	113	69	49	49	87	90
FLUORIDE MG/L	.10	.10	.10	.10	.10	.10	.10	.20	.30
GALLIUM UG/L	< .60	< .30	< .80	< 12	< 2.0	< 5.0	< 6.0	< 11	< 10
GERMANIUM UG/L	< 2.0	< 2.0	< 2.0	< 6.0	< 4.0	< 3.0	< 3.0	< 5.0	< 5.0
HARDNESS TOTAL MG/L	44	47	21	97	42	35	33	54	56
HARDNESS NONCARB MG/L	10	24	10	18	2	13	13	16	16
IRON UG/L	55	190	83	7.0	480	320	170	480	52
LEAD UG/L	2.0	40	3.0	< 3.0	7.0	< 1.0	< 2.0	9.0	< 2.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	2.8	2.3	1.0	3.6	3.5	1.9	1.9	4.0	4.0
MANGANESE UG/L	6.0	1.0	6.0	340	190	180	35	120	110
MBAS MG/L	.02	.02	.03	.02	.02	.02	.02	.03	.04
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .60	< .30	< .40	< .60	< .80	< .20	.30	< .50	< .40
NICKEL UG/L	1.0	2.0	1.0	< 3.0	2.0	.90	3.0	< 3.0	< 2.0
NITRATE AS N MG/L	.20	.70	.90	.20	.86	.10	.10	.80	.80
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.40	.11	.28	.27	.28	.32	.22	.20	.17
PH UNITS	8.0	6.6	7.2	7.4	9.1	6.9	6.8	6.4	6.5
PHENOLS UG/L	--	0	--	0	--	0	0	--	0
PHOSPHORUS AS P MG/L	.05	.02	.01	.02	.03	.03	.03	.67	.71
POTASSIUM MG/L	2.4	1.3	.30	.60	1.0	.50	.50	2.0	2.1
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	3	0	2	1	1	3	5	0	0
SILICA MG/L	3.7	3.2	4.1	6.4	3.5	3.8	3.8	5.3	5.3
SILVER UG/L	.28	< .20	< .20	< .30	< .40	< .10	< .10	< .25	< .20
SODIUM MG/L	2.7	5.2	3.8	3.5	7.6	3.4	3.5	8.4	8.6
SPECIFIC COND UMHOS	115	123	64	202	121	88	89	170	173
STRONTIUM UG/L	26	47	29	59	33	29	31	62	60
SULFATE MG/L	12	12	8.8	13	8.8	9.5	9.3	15	16
TIN UG/L	< 2.0	3.0	< 2.0	< 3.0	< 4.0	< 1.0	< 2.0	< 3.0	< 2.0
TITANIUM UG/L	2.0	< 2.0	.70	< 2.0	10	.70	6.0	< 1.0	2.0
VANADIUM UG/L	< 2.0	< .70	< 2.0	< 2.0	< 4.0	< .50	1.0	< 1.0	< 1.0
ZINC UG/L	< 60	< 66	< 34	< 120	< 75	< 48	< 51	310	280
ZIRCONIUM UG/L	< 2.0	< 3.0	< 2.0	< 6.0	< 4.0	< 3.0	< 3.0	5.0	< 5.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

DUTCHESS COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	415057073332900	AMENIA WD--WELLS
B	420042073525300	ANNADALL WATER COMPANY-WELL
C	413656073535400	ATLAS WATER COMPANY-WELL
D	412946073565400	BEACON(C)-DRY BROOK
E	412946073565401	BEACON(C)-DRY BROOK
F	413232073575400	CASTLE POINT VA HOSPITAL-HUDSON RIVER
G	413232073575401	CASTLE POINT VA HOSPITAL-HUDSON RIVER
H	413811073563700	COUNTRY CLUB ESTATES-WELL
I	413459073512401	DUTCHESS HEIGHTS-WELL

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	RAW	TREATED	RAW	TREATED	DISTRBN	RAW
DATE.....	09/21/72	02/19/75	02/19/75	04/24/75	04/24/75	12/14/70	12/14/70	02/18/75	12/12/73
ALUMINUM UG/L	50	10	3.0	80	140	45	20	50	3.0
ARSENIC UG/L	1	1	0	4	0	0	0	0	< 1
BARIUM UG/L	< 14	230	13	12	12	76	31	24	5.0
BERYLLIUM UG/L	< 3.0	< .50	< .40	< .06	< .06	< .50	< .30	< .30	< 1.0
BICARBONATE MG/L	250	223	155	16	15	64	140	67	80
BISMUTH UG/L	< 10	< 2.0	< 1.0	< .30	< .30	< 4.0	< 2.0	< .70	< 4.0
BORON UG/L	50	50	20	9.0	10	38	25	12	11
CADMIUM UG/L	0	0	0	0	1	0	0	0	0
CALCIUM MG/L	61	73	48	8.0	9.6	26	46	32	31
CARBONATE MG/L	0	0	0	--	--	3	0	0	0
CHLORIDE MG/L	14	22	33	1.6	3.8	14	9.3	16	16
CHROMIUM UG/L	< 6	< 2	< 2	< 1	< 1	< 3	7	< 1	< 2
COBALT UG/L	< 6.0	< 2.0	< 2.0	< .20	< .20	< 4.0	2.0	< .50	< 3.0
COLIFORM CUL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	24	17	8.0	3.0	8.0	16	4.0	8.0	2.0
CYANIDE MG/L a	0	.01	.01	.01	.01	0	0	.01	.01
DISS SOLIDS SUM MG/L	282	299	222	35	38	120	212	139	141
FLUORIDE MG/L	.10	.10	.20	.20	.30	.10	.10	1.2	.20
GALLIUM UG/L	6.0	< .50	< .40	< .20	< .20	ND	ND	< .30	< 2.0
GERMANIUM UG/L	< 1.0	< 3.0	< 2.0	< .30	< .30	< 4.0	< 2.0	< 1.0	< 4.0
HARDNESS TOTAL MG/L	268	222	173	27	31	83	160	99	109
HARDNESS NONCARB MG/L	63	39	46	14	19	30	45	44	43
IRON UG/L	20	200	15	70	120	55	95	20	8.0
LEAD UG/L	< 6.0	< 2.0	< 2.0	.60	1.0	< 3.0	1.0	1.0	< 3.0
LITHIUM UG/L	< 10	8.0	2.0	.20	.30	10	1.0	1.0	0
MAGNESIUM MG/L	28	9.6	13	1.9	1.8	4.3	11	4.7	7.6
MANGANESE UG/L	< 5.0	700	8.0	5.0	15	2.0	11	3.0	< 2.0
MBAS MG/L	.01	0	.40	0	0	.04	.04	0	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 3.0	< .70	< .60	.20	.20	1.0	.80	.40	< 2.0
NICKEL UG/L	< 6.0	< 2.0	< 2.0	.40	.50	< 3.0	3.0	< .70	< 3.0
NITRATE AS N MG/L	.68	.09	1.3	.11	.11	1.0	.80	.78	.49
NITRITE AS N MG/L	--	.01	0	0	0	.01	0	0	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	.38	.04	--	--
NITROGEN NH4+ORG-N MG/L	.29	.17	.05	0	0	--	--	.08	.07
PH UNITS	8.1	7.2	7.0	--	--	7.4	7.8	6.2	7.0
PHENOLS UG/L	--	--	--	--	--	9.0	4.0	--	--
PHOSPHORUS AS P MG/L	.00	.03	.01	.01	.12	.33	.04	.01	.01
POTASSIUM MG/L	1.9	1.5	1.1	.20	.20	1.1	1.7	1.5	1.2
RUBIDIUM UG/L	--	--	--	--	--	2.0	1.0	--	--
SELENIUM UG/L	<	0	0	0	0	1	1	0	0
SILICA MG/L	7.2	9.6	6.6	7.4	7.2	4.4	9.0	5.3	5.1
SILVER UG/L	< 1.0	< .20	< .20	< .04	< .04	< .40	< .20	< .10	< .30
SODIUM MG/L	6.1	16	14	1.9	1.8	8.8	16	8.5	7.7
SPECIFIC COND UMHOS	477	520	410	71	71	210	378	260	258
STRONTIUM UG/L	100	580	180	26	27	600	140	150	160
SULFATE MG/L	40	57	29	14	13	28	49	36	32
TIN UG/L	< 10	< 2.0	< 2.0	< .30	< .30	< 4.0	< 2.0	< 1.0	< 3.0
TITANIUM UG/L	< 6.0	< 2.0	< 1.0	3.0	6.0	4.0	1.0	1.0	< 3.0
VANADIUM UG/L	< 6.0	< 2.0	< 2.0	< .20	.30	< 4.0	< 2.0	< .70	< 2.0
ZINC UG/L	< 600	40	10	10	40	< 210	< 110	10	100
ZIRCONIUM UG/L	< 10	< 3.0	< 3.0	< .60	< .60	ND	ND	< 2.0	< 4.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

DUTCHESS COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	413458073512400	DUTCHESS HEIGHTS-WELL
B	413239073525000	DUTCHESS PARK-WELL
C	413205073540200	FISHKILL(V)-WELLS
D	414536073514001	GREENFIELD WATER COMPANY-WELLS
E	414536073514000	GREENFIELD WATER COMPANY-WELLS
F	414612073541100	HARBOURD HILLS-WELL
G	413831073515700	HAVEN HILLS GARDENS DIST SYST-WELLS
H	413541073520600	HILLTOP WATER COMPORATION-WELL
I	413346073474800	HOPEWELL GARDENS-WELL

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	TREATED	DISTRBN	DISTRBN	RAW	TREATED	DISTRBN	DISTRBN	DISTRBN	DISTRBN
DATE.....	12/12/73	02/19/75	07/14/71	09/19/73	09/19/73	02/19/75	02/19/75	02/14/75	09/19/73
ALUMINUM UG/L	50	5.0	4.0	7.0	15	10	40	4.0	100
ARSENIC UG/L	0	0	0	0	0	0	1	0	0
BARIUM UG/L	30	16	30	50	40	110	130	80	10
BERYLLIUM UG/L	< 1.0	< .60	< .60	< 2.0	< 2.0	< .50	< .60	< .30	< 3.0
BICARBONATE MG/L	86	247	88	140	218	181	208	82	210
BISMUTH UG/L	< 4.0	< 2.0	< 3.0	< 7.0	< 7.0	< 2.0	< 2.0	< .70	< 7.0
BORON UG/L	14	10	60	90	80	50	100	23	10
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	31	63	30	52	70	72	58	33	39
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	17	35	17	27	27	47	24	16	19
CHROMIUM UG/L	< 2	< 3	< 3	< 3	< 3	< 2	< 3	< 1	< 4
COBALT UG/L	< 4.0	< 2.0	< .60	< 6.0	< 7.0	< 2.0	< 3.0	< .50	< 7.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	30	60	50	50	90	70	17	80	60
CYANIDE MG/L	0	.02	0	0	0	.01	.01	.01	0
DISS SOLIDS SUM MG/L	137	308	135	220	287	298	342	139	242
FLUORIDE MG/L	.20	.10	0	.60	.20	.10	.10	.20	.10
GALLIUM UG/L	< 2.0	< .60	< .60	< 3.0	< 3.0	< .50	< .60	< .30	< 4.0
GERMANIUM UG/L	< 4.0	< 3.0	< 3.0	< 7.0	< 7.0	< 2.0	< 3.0	< 1.0	< 7.0
HARDNESS TOTAL MG/L	110	252	107	167	213	214	239	103	213
HARDNESS NONCARB MG/L	39	49	35	52	35	66	69	36	40
IRON UG/L	1700	20	70	13	75	450	200	50	10
LEAD UG/L	40	< 2.0	< 3.0	< 6.0	< 7.0	< 2.0	< 3.0	< 1.0	< 7.0
LITHIUM UG/L	0	< 2.0	2.0	0	0	0.0	40	1.0	0
MAGNESIUM MG/L	7.9	23	7.8	9.0	9.4	8.4	23	5.1	28
MANGANESE UG/L	60	50	< 2.0	53	58	270	160	50	< 5.0
MBAS MG/L	.01	0	.01	0	.04	0	0	0	.01
MERCURY UG/L	2.9	< .50	< .50	< .50	1.1	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< .60	< .60	< 3.0	< 3.0	< .70	6.0	< .30	< 4.0
NICKEL UG/L	< 4.0	< 2.0	< 2.0	< 6.0	< 7.0	< 2.0	< 2.0	< .70	< 7.0
NITRATE AS N MG/L	1.1	2.7	.30	.18	.17	.03	.89	.83	2.4
NITRITE AS N MG/L	.01	0	0	.00	.01	0	.01	0	.01
NITROGEN NH4 AS N MG/L	--	--	.01	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.05	.06	.07	.04	.04	.06	.09	.06	.01
PH UNITS	7.2	7.0	8.0	7.3	7.4	7.1	7.1	6.5	7.8
PHENOLS UG/L	--	--	1.0	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.01	.01	.01	.08	.04	.01	.01	.01	.01
POTASSIUM MG/L	.90	1.0	1.3	.40	.40	1.0	3.9	.90	1.2
RUBIDIUM UG/L	--	--	< .20	--	--	--	--	--	--
SELENIUM UG/L	2	0	0	0	1	0	1	0	0
SILICA MG/L	3.9	8.2	8.2	8.0	8.2	9.8	13	7.1	10
SILVER UG/L	< .40	< .30	< .30	< 1.0	< 1.0	< .20	< .30	< .10	< 1.0
SODIUM MG/L	8.0	18	6.9	19	20	19	25	7.7	14
SPECIFIC COND UMHOS	257	600	239	398	505	540	600	255	416
STRONTIUM UG/L	170	100	68	250	270	440	2000	190	110
SULFATE MG/L	25	36	20	43	44	52	92	28	25
TIN UG/L	< 4.0	< 3.0	< 3.0	< 6.0	< 7.0	< 2.0	< 3.0	< 1.0	< 7.0
TITANIUM UG/L	< 3.0	< 2.0	< 2.0	< 5.0	< 5.0	< 2.0	2.0	< .70	< 5.0
VANADIUM UG/L	< 2.0	< 2.0	< 2.0	< 3.0	< 3.0	< 2.0	< 2.0	< .70	< 4.0
ZINC UG/L	20	0	< 130	10	150	10	130	0	50
ZIRCONIUM UG/L	< 4.0	< 4.0	< 3.0	< 10	< 10	< 3.0	< 4.0	< 2.0	< 10

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

DUTCHESS COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	413202073573380	HUDSON VIEW APARTMENTS WATER COMP-WELLS
B	414730073555600	HYDE PARK FIRE & WATER DIST-CRUM ELBOW CREEK
C	414730073555601	HYDE PARK FIRE & WATER DIST-CRUM ELBOW CREEK
D	414729073555700	HYDE PARK FIRE & WATER DIST-CRUM ELBOW CREEK
E	413900073455400	LAGRANGE CLUB ESTATES-WELLS
F	413700073514200	MAYIM WATER COMPANY-WELL
G	414707073413100	MILLBROOK(V)-GROUND WATER
H	415711073302300	MILLERTON(V)-WELLS
I	413438073344100	PAWLING(V)-SURFACE WATER

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	DISTRBN	RAW	TREATED	DIST-RBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN
DATE.....	09/19/73	01/22/75	01/22/75	07/12/71	09/21/72	02/19/75	07/14/71	10/19/72	07/14/71
ALUMINUM UG/L	150	90	84	31	34	7.0	5.0	8.0	59
ARSENIC UG/L	0	0	1	0	0	1	0	0	0
BARIUM UG/L	78	13	11	10	14	< 2.0	0	0	0
BERYLLIUM UG/L	< 3.0	< .70	< .60	< .40	< 2.0	< .60	7.0	< 1.3	20
BICARBONATE MG/L	226	84	64	99	112	253	< .80	< 2.0	< .60
							130	241	96
BISMUTH UG/L	< 7.0	< 3.0	< 3.0	< 2.0	< 7.0	< 2.0	< 4.0	< 6.0	< 3.0
BORON UG/L	50	17	26	32	4.0	20	10	11	5.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	60	31	30	44	45	.60	39	53	27
CARBONATE MG/L	0	0	0	0	0	4	0	0	0
CHLORIDE MG/L	14	11	11	23	11	25	12	16	8.0
CHROMIUM UG/L	< 3	< 2	< 2	< 4	< 4	< 3	< 4	< 6	< 3
COBALT UG/L	< 7.0	< 3.0	< 3.0	< 2.0	< 4.0	< 3.0	< .80	< 6.0	< .60
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	24	1.0	14	13	32	10	78	32	26
CYANIDE MG/L	0	.01	.01	0	0	.02	0	0	0
DISS SOLIDS SUM MG/L	314	124	132	178	159	355	159	253	121
FLUORIDE MG/L	.40	0	.30	.10	.10	.20	0	.10	0
GALLIUM UG/L	< 4.0	< 2.0	< 2.0	< 2.0	< 3.0	< .60	< .80	< 3.0	< .60
GERMANIUM UG/L	< 7.0	< 3.0	< 3.0	< 4.0	< 7.0	< 3.0	< 4.0	< 6.0	< 3.0
HARDNESS TOTAL MG/L	194	93	90	132	124	2	134	223	108
HARDNESS NONCARB MG/L	14	24	38	50	37	0	27	25	29
IRON UG/L	93	170	15	11	21	15	13	22	99
LEAD UG/L	< 7.0	< 3.0	< 3.0	2.0	< 4.0	< 3.0	< 4.0	< 6.0	< 3.0
LITHIUM UG/L	30	.90	.70	2.0	< 10	9.0	.50	< 10	.60
MAGNESIUM MG/L	12	3.7	3.7	5.3	3.9	.10	8.9	22	9.8
MANGANESE UG/L	200	44	6.0	< 2.0	< 3.0	< 2.0	< 2.0	4.0	250
MBAS MG/L	.02	0	0	.02	.01	0	.02	.03	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 4.0	< 2.0	< 2.0	< .40	< 2.0	2.0	< .80	< 3.0	< .60
NICKEL UG/L	< 7.0	< 3.0	< 3.0	< 4.0	< 4.0	< 3.0	< 2.0	< 6.0	< 2.0
NITRATE AS N MG/L	.12	.49	.45	0	.40	.15	.50	1.9	.20
NITRITE AS N MG/L	.00	.01	.01	0	--	0	0	--	0
NITROGEN NH4 AS N MG/L	--	--	--	0	--	--	.02	--	.05
NITROGEN NH4+ORG-N MG/L	.03	.17	.14	.19	.07	.10	.06	.18	.66
PH UNITS	7.7	7.4	7.5	7.1	7.8	6.9	7.3	7.9	7.8
PHENOLS UG/L	--	--	--	3.0	--	--	0	--	1.0
PHOSPHORUS AS P MG/L	.01	.01	1.3	1.4	.01	0	0	.01	.01
POTASSIUM MG/L	3.0	.80	.80	.80	.50	.70	1.3	1.1	1.9
RUBIDIUM UG/L	--	--	--	< .40	--	--	< .30	--	1.0
SELENIUM UG/L	3	0	0	2	0	1	0	2	3
SILICA MG/L	16	7.0	6.8	2.2	10	13	6.7	6.2	2.1
SILVER UG/L	< 1.0	< .30	< .30	< .40	< .70	< .38	< .40	< .60	< .30
SODIUM MG/L	33	8.1	9.1	13	5.2	130	5.5	14	3.3
SPECIFIC COND UMHOS	528	260	258	311	276	600	286	451	223
STRONTIUM UG/L	1100	160	150	150	190	2.0	120	75	60
SULFATE MG/L	63	21	37	40	28	57	21	20	21
TIN UG/L	< 7.0	< 3.0	< 3.0	< 4.0	< 7.0	< 3.0	< 4.0	< 6.0	< 3.0
TITANIUM UG/L	< 5.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 4.0	< 2.0
VANADIUM UG/L	< 4.0	< 2.0	< 2.0	< 2.0	< 4.0	< 3.0	< 2.0	< 4.0	< 2.0
ZINC UG/L	80	0	0	< 170	< 340	0	< 160	< 420	< 130
ZIRCONIUM UG/L	< 11	< 4.0	< 3.0	< 8.0	< 7.0	< 4.0	< 4.0	< 13	< 3.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

DUTCHESS COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	415809073394300	PINE PLAINS WATER COMPANY-WELL
B	414310073562000	POUGHKEEPSIE WTP-HUDSON RIVER

SYSTEM(S) ON THIS PAGE..	A	B	B	B	B	B	B	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	01/23/75	12/16/70	07/12/71	10/18/71	01/14/72	04/11/72	05/22/74	08/05/74	06/18/74
ALUMINUM UG/L	< 10	30	5900	2400	1800	2000	1400	1200	870
ARSENIC UG/L	2	10	7	6	6	6	2	1	2
BARIUM UG/L	75	37	96	85	70	84	32	33	29
BERYLLIUM UG/L	< 2.0	< .20	.70	< .50	< .70	< 2.0	< .50	< .70	< .80
BICARBONATE MG/L	274	56	68	65	74	67	51	50	53
BISMUTH UG/L	< 7.0	< 1.0	< 2.0	< 2.0	< 4.0	< 3.0	< 3.0	< 2.0	< 3.0
BORON UG/L	7.0	24	33	32	46	21	16	17	14
CADMIUM UG/L	0	0	1	0	0	0	0	0	0
CALCIUM MG/L	59	22	23	24	27	23	23	19	18
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	5.8	11	10	12	15	12	6.7	7.1	8.1
CHROMIUM UG/L	6	13	40	21	33	25	7	7	5
COBALT UG/L	< 7.0	2.0	4.0	< 2.0	< 4.0	< 3.0	< 3.0	< 2.0	< 3.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	< 2.0	7.0	25	18	10	9.0	16	30	18
CYANIDE MG/L	0	0	.01	0	0	0	0	.01	0
DISS SOLIDS SUM MG/L	283	102	93	109	125	108	84	78	79
FLUORIDE MG/L	0	.30	0	.10	.10	.10	.20	.10	.20
GALLIUM UG/L	< 3.0	ND	2.0	.60	< .78	< 2.0	< .50	< .50	< .50
GERMANIUM UG/L	< 7.0	< 2.0	< 4.0	< 3.0	< 4.0	< 5.0	< 3.0	< 2.0	< 3.0
HARDNESS TOTAL MG/L	271	71	74	77	89	76	73	62	61
HARDNESS NONCARB MG/L	42	25	25	23	28	21	32	21	18
IRON UG/L	33	100	5200	2400	2200	2600	1800	1500	1300
LEAD UG/L	< 7.0	2.0	34	18	25	21	5.0	5.0	4.0
LITHIUM UG/L	< 2.0	1.0	3.0	< 10	< 10	< 10	2.0	2.0	2.0
MAGNESIUM MG/L	30	3.8	4.1	4.1	5.2	4.4	3.9	3.6	4.0
MANGANESE UG/L	6.0	25	680	160	160	150	100	90	100
MBAS MG/L	0	.10	.05	.03	.05	.05	.03	.05	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 4.0	.50	1.0	.80	< 2.0	< 2.0	< .50	< 1.0	< 1.0
NICKEL UG/L	< 7.0	2.0	12	9.0	9.0	8.0	4.0	6.0	4.0
NITRATE AS N MG/L	3.5	.60	.58	.80	.70	.80	.51	.56	.52
NITRITE AS N MG/L	.01	.01	.01	--	--	--	.02	.03	.01
NITROGEN NH4 AS N MG/L	--	.35	0	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.19	--	.74	.85	.78	.69	.47	.35	.40
PH UNITS	6.6	7.2	7.3	7.4	7.5	7.2	7.3	7.3	7.3
PHENOLS UG/L	--	13	4.0	--	5.0	6.0	--	--	--
PHOSPHORUS AS P MG/L	.01	.25	.26	.17	.18	.18	.10	.08	.08
POTASSIUM MG/L	1.3	.90	1.3	1.4	1.2	1.4	1.0	.90	1.0
RUBIDIUM UG/L	--	.80	16	--	--	--	--	--	--
SELENIUM UG/L	0	3	2	4	8	8	0	3	2
SILICA MG/L	7.3	4.7	.20	3.0	5.8	4.9	3.9	3.0	.20
SILVER UG/L	< .70	< .10	< .40	< .20	< .70	< .30	< .30	< .20	< .30
SODIUM MG/L	5.2	6.9	5.9	8.0	8.8	7.0	4.8	4.9	5.4
SPECIFIC COND UMHOS	520	156	173	198	215	196	155	143	155
STRONTIUM UG/L	80	120	93	120	140	150	80	90	90
SULFATE MG/L	34	24	18	23	25	21	15	14	15
TIN UG/L	< .70	< 2.0	< 4.0	< 3.0	< 4.0	< 3.0	< 3.0	< 2.0	< 3.0
TITANIUM UG/L	< 7.0	2.0	< 3.0	170	84	160	100	65	36
VANADIUM UG/L	< 5.0	< 2.0	11	7.0	4.0	5.0	3.0	3.0	2.0
ZINC UG/L	30	< 95	< 160	< 140	< 320	< 140	80	30	20
ZIRCONIUM UG/L	< 8.0	ND	21	7.0	< 7.0	< 14	4.0	< 3.0	< 4.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

DUTCHESS COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	414316073562000	POUGHKEEPSIE WTP-HUDSON RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	07/02/74	07/16/74	07/29/74	08/14/74	08/28/74	09/09/74	09/25/74	10/10/74	10/22/74
ALUMINUM UG/L	940	1000	1100	830	2700	3300	580	370	310
ARSENIC UG/L	5	3	2	2	0	3	1	1	1
BARIUM UG/L	42	47	43	47	56	52	41	33	30
BERYLLIUM UG/L	< .90	< 1.0	< .70	< .70	< .40	< .30	< .40	< .20	< .30
BICARBONATE MG/L	84	74	76	77	71	69	71	75	73
BISMUTH UG/L	< 3.0	< 3.0	< 2.0	< 3.0	< 1.0	< .80	< 1.0	< 1.0	< 1.0
BORON UG/L	20	24	19	12	12	37	18	17	8.0
CADMIUM UG/L	1	0	0	0	0	3	1	1	0
CALCIUM MG/L	26	25	28	27	21	22	25	26	25
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	11	13	9.5	10	11	13	15	12	11
CHROMIUM UG/L	6	6	5	5	11	17	4	3	< 1
COBALT UG/L	< 3.0	< 3.0	< 2.0	< 3.0	2.0	2.0	< 2.0	< .50	< .70
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	22	21	18	14	20	23	14	13	10
CYANIDE MG/L	0	0	0	0	0	.01	0	0	0
DISS SOLIDS SUM MG/L	99	113	112	108	102	106	118	113	108
FLUORIDE MG/L	.10	.20	.20	.20	.40	.40	0	.20	.20
GALLIUM UG/L	< 2.0	< 2.0	< 2.0	< 1.0	.60	.80	< .40	< .50	< .30
GERMANIUM UG/L	< 3.0	< 4.0	< 4.0	< 4.0	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0
HARDNESS TOTAL MG/L	73	81	89	86	74	75	85	88	83
HARDNESS NONCARB MG/L	21	21	27	22	16	14	26	26	23
IRON UG/L	1100	1100	1300	970	2600	3700	720	600	710
LEAD UG/L	7.0	4.0	6.0	4.0	15	20	5.0	5.0	5.0
LITHIUM UG/L	3.0	3.0	2.0	2.0	3.0	5.0	2.0	2.0	1.0
MAGNESIUM MG/L	4.6	4.6	4.7	4.4	5.3	4.9	5.4	5.6	5.0
MANGANESE UG/L	90	90	88	86	160	220	70	50	52
MBAS MG/L	.04	.04	.03	.04	.03	.02	.04	.04	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	1.1	.80	< .50	< .50	< .50
MOLYBDENUM UG/L	.60	< .70	< 1.0	1.0	1.0	1.0	.90	1.0	.50
NICKEL UG/L	4.0	4.0	5.0	5.0	8.0	9.0	4.0	2.0	3.0
NITRATE AS N MG/L	.62	.73	.79	.64	.56	.51	.72	.57	.50
NITRITE AS N MG/L	0	.04	.03	.01	0	0	.01	0	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.38	.51	.41	.42	.27	1.5	.30	.34	.34
PH UNITS	7.2	7.4	7.4	7.5	7.6	7.6	7.5	7.3	7.3
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.09	.11	.09	.10	.12	.55	.07	.06	.04
POTASSIUM MG/L	1.1	1.3	1.3	1.0	1.7	1.4	1.5	1.5	1.5
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	2	< 1	1	< 2	0	3	3	2	2
SILICA MG/L	.20	.40	.60	.10	.30	.70	.80	.50	.10
SILVER UG/L	< .30	< .40	< .40	< .40	< .10	< .20	< .10	< .10	< .10
SODIUM MG/L	7.9	8.6	7.3	6.5	7.5	8.0	11	8.5	8.0
SPECIFIC COND UMHOS	--	210	210	205	195	--	260	235	230
STRONTIUM UG/L	130	200	200	170	160	140	180	190	140
SULFATE MG/L	20	23	22	20	19	21	24	21	21
TIN UG/L	< 3.0	< 4.0	< 3.0	< 3.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0
TITANIUM UG/L	42	52	55	40	> 150	30	50	2.0	8.0
VANADIUM UG/L	3.0	3.0	4.0	2.0	5.0	9.0	2.0	2.0	1.0
ZINC UG/L	10	40	0	110	20	200	0	10	10
ZIRCONIUM UG/L	< 4.0	< 5.0	< 4.0	< 4.0	3.0	7.0	< 2.0	< 2.0	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

DUTCHESS COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	414316073562000	POUGHKEEPSIE WTP-HUDSON RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	11/06/74	11/19/74	12/05/74	12/18/74	01/02/75	01/14/75	01/28/75	02/13/75	02/24/75
ALUMINUM UG/L	9400	1600	2100	3800	6500	2500	2700	1300	3500
ARSENIC UG/L	3	1	1	2	2	1	0	1	1
BARIUM UG/L	100	46	43	56	72	55	57	35	54
BERYLLIUM UG/L	.40	< .30	< .20	< .30	< .90	< .70	< .70	< .20	.30
BICARBONATE MG/L	76	76	65	73	66	68	72	67	67
BISMUTH UG/L	< 2.0	< 1.0	< 1.0	< 1.0	< 4.0	< 3.0	< 3.0	< .70	< .70
BORON UG/L	45	25	23	35	24	20	19	21	23
CADMIUM UG/L	0	0	0	0	1	--	0	0	0
CALCIUM MG/L	25	27	23	24	22	24	23	25	21
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	11	12	8.3	9.0	13	10	12	13	12
CHROMIUM UG/L	30	7	7	10	24	12	7	< 1	15
COBALT UG/L	3.0	1.0	< 1.0	2.0	4.0	< 3.0	< 3.0	< .50	2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	25	14	11	14	20	13	10	13	15
CYANIDE MG/L	.01	0	0	.01	.01	0	0	.01	.01
DISS SOLIDS SUM MG/L	110	119	101	103	106	106	111	104	103
FLUORIDE MG/L	.20	.20	.10	.20	.30	.20	.30	.20	.20
GALLIUM UG/L	3.0	.40	< .60	1.0	2.0	< 2.0	< 2.0	< .20	.70
GERMANIUM UG/L	< 2.0	< 1.0	< 1.0	< 1.0	< 4.0	< 3.0	< 3.0	< 1.0	< 1.0
HARDNESS TOTAL MG/L	85	89	77	78	74	74	78	83	71
HARDNESS NONCARB MG/L	23	26	23	19	21	24	19	28	16
IRON UG/L	6500	2000	2100	3000	5200	2100	2000	1300	3100
LEAD UG/L	30	15	13	10	17	8.0	10	7.0	10
LITHIUM UG/L	4.0	3.0	2.0	5.0	< 10	3.0	3.0	2.0	4.0
MAGNESIUM MG/L	4.9	5.2	4.7	4.5	4.8	4.7	5.0	5.0	4.5
MANGANESE UG/L	410	160	100	130	220	150	100	82	170
MBAS MG/L	.05	.04	0	0	0	0	0	0	0
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	1.0	.70	.40	.50	< 2.0	< 2.0	< 2.0	.40	< .40
NICKEL UG/L	12	6.0	4.0	.60	7.0	6.0	6.0	4.0	7.0
NITRATE AS N MG/L	.53	.58	.51	.55	.56	.60	.66	.67	.65
NITRITE AS N MG/L	0	.01	.02	0	.01	.01	.02	.01	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.97	.62	.52	.71	.87	.64	.49	.72	.58
PH UNITS	7.4	7.3	7.3	7.4	7.2	7.4	7.6	7.3	7.4
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.26	.01	.11	.12	.21	.12	.04	.09	.13
POTASSIUM MG/L	1.0	1.5	1.5	1.0	.80	1.1	1.4	1.5	1.2
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	0	0	0	<	0	0	2
SILICA MG/L	.20	2.7	4.9	4.6	5.0	5.1	5.0	4.9	5.1
SILVER UG/L	.30	.20	< .10	< .10	< .40	< .30	< .30	< .10	.20
SODIUM MG/L	7.7	9.1	5.8	6.0	7.0	8.0	7.5	7.9	7.8
SPECIFIC COND UMHOS	235	255	215	225	194	220	220	204	203
STRONTIUM UG/L	160	150	150	140	100	120	120	150	140
SULFATE MG/L	21	23	20	17	20	14	21	16	17
TIN UG/L	2.0	< 1.0	< 1.0	< 1.0	< 4.0	< 3.0	< 3.0	< 1.0	< 1.0
TITANIUM UG/L	> 600	90	120	240	> 175	260	190	80	> 150
VANADIUM UG/L	10	2.0	1.0	5.0	12	5.0	5.0	2.0	5.0
ZINC UG/L	90	30	20	20	70	0	20	10	20
ZIRCONIUM UG/L	20	4.0	4.0	10	14	9.0	< 4.0	2.0	10

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

DUTCHESS COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	414316073562000	POUGHKEEPSIE WTP-HUDSON RIVER
B	414316073562001	POUGHKEEPSIE WTP-HUDSON RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	B	B	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	TREATED	TREATED	TREATED	TREATED
DATE.....	03/10/75	03/26/75	04/10/75	04/24/75	05/07/75	12/16/70	07/12/71	10/18/71	01/16/72
ALUMINUM UG/L	4100	4000	11000	4000	760	83	22	110	74
ARSENIC UG/L	1	1	1	3	0	0	0	0	0
BARIUM UG/L	55	54	110	58	24	39	46	63	49
BERYLLIUM UG/L	< .30	< .30	< .60	< .30	< .20	< .30	< .60	< .50	< .70
BICARBONATE MG/L	61	66	54	69	45	54	55	64	66
BISMUTH UG/L	< 1.0	< 1.0	< 2.0	< 1.0	< .60	< 2.0	< 2.0	< 3.0	< 4.0
BORON UG/L	20	20	35	27	15	21	12	24	16
CADMIUM UG/L	0	0	0	0	0	--	1	0	0
CALCIUM MG/L	22	19	20	25	16	30	31	30	32
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	11	12	9.1	12	4.9	17	16	17	19
CHROMIUM UG/L	10	10	15	12	3	8	2	3	7
COBALT UG/L	2.0	2.0	3.0	2.0	< .30	2.0	< 2.0	< 3.0	< 4.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	17	10	20	15	10	3.0	9.0	3.0	4.0
CYANIDE MG/L	0	0	.01	.01	.01	0	0	0	0
DISS SOLIDS SUM MG/L	94	99	86	107	67	131	121	132	145
FLUORIDE MG/L	.30	.30	.10	.10	.10	.90	2.1	1.0	1.0
GALLIUM UG/L	.40	1.0	2.0	1.0	< .30	ND	< 2.0	< .70	< .70
GERMANIUM UG/L	< 1.0	< 1.0	< 2.0	< 1.0	< .70	< 2.0	< 3.0	< 4.0	< 4.0
HARDNESS TOTAL MG/L	71	62	66	82	50	91	95	92	101
HARDNESS NONCARB MG/L	21	8	21	26	13	47	50	34	47
IRON UG/L	4200	2600	7000	3500	760	14	20	57	33
LEAD UG/L	10	10	15	10	3.0	< 2.0	< 3.0	< 2.0	< 4.0
LITHIUM UG/L	4.0	5.0	10	4.0	1.0	1.0	1.0	< 10	< 10
MAGNESIUM MG/L	3.9	3.5	3.8	4.8	2.5	4.0	4.2	4.1	5.2
MANGANESE UG/L	140	110	280	200	54	5.0	13	4.0	5.0
MBAS MG/L	0	0	0	0	0	.11	.02	.03	.04
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .30	.50	< .60	< .40	.30	.50	.80	.90	< 2.0
NICKEL UG/L	8.0	8.0	15	8.0	2.0	1.0	< 3.0	< 3.0	< 4.0
NITRATE AS N MG/L	.64	.56	.56	.78	.46	.80	.56	.70	.70
NITRITE AS N MG/L	.01	.02	.02	.01	.02	0	0	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	.03	0	--	--
NITROGEN NH4+ORG-N MG/L	.47	.49	2.0	.51	.32	--	.16	.24	.26
PH UNITS	7.6	7.6	7.5	7.6	7.4	7.4	7.8	8.1	7.4
PHENOLS UG/L	--	--	--	--	--	5.0	5.0	--	1.0
PHOSPHORUS AS P MG/L	.17	.12	.21	.14	.05	.01	.04	.01	.01
POTASSIUM MG/L	1.4	1.1	1.1	1.0	.70	.90	1.3	1.5	1.3
RUBIDIUM UG/L	--	--	--	--	--	.80	2.0	--	--
SELENIUM UG/L	0	1	0	1	0	1	4	0	0
SILICA MG/L	4.7	4.7	4.4	4.7	4.3	5.0	.90	3.4	6.1
SILVER UG/L	< .10	< .10	< .20	.20	< .06	< .20	< .30	< .30	< .70
SODIUM MG/L	5.3	6.8	5.6	7.0	3.8	7.5	6.3	8.6	9.2
SPECIFIC COND UMHOS	176	195	168	205	134	232	225	247	256
STRONTIUM UG/L	100	150	100	120	82	120	120	160	140
SULFATE MG/L	13	18	15	18	12	39	32	34	38
TIN UG/L	< 1.0	< 1.0	< 2.0	< 1.0	< .60	< 2.0	< 3.0	< 4.0	< 4.0
TITANIUM UG/L	> 140	> 140	> 650	> 160	50	1.0	< 2.0	5.0	2.0
VANADIUM UG/L	6.0	6.0	17	7.0	2.0	< 2.0	1.0	< 4.0	< 2.0
ZINC UG/L	20	20	30	20	10	< 120	< 120	< 150	< 310
ZIRCONIUM UG/L	10	A.0	20	13	3.0	ND	< 6.0	< 7.0	< 7.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

DUTCHESS COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	414316073562001	POUGHKEEPSIE WTP-HUDSON RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	04/11/72	05/22/74	06/05/74	06/18/74	07/02/74	07/16/74	07/29/74	08/14/74	08/28/74
ALUMINUM UG/L	84	50	65	60	54	75	65	67	80
ARSENIC UG/L	2	1	< 1	0	1	1	0	0	0
BARIUM UG/L	40	28	24	28	35	35	37	35	35
BERYLLIUM UG/L	< 2.0	< .50	< .70	< .80	< .90	< 1.0	< .70	< .70	< .40
BICARBONATE MG/L	65	46	47	51	53	57	74	73	64
BISMUTH UG/L	< 3.0	< 3.0	< 2.0	< 3.0	< 3.0	< 3.0	< 2.0	< 3.0	< 2.0
BORON UG/L	14	9.0	11	12	11	18	13	13	7.0
CADMIUM UG/L	0	0	0	< 1	1	0	0	0	0
CALCIUM MG/L	33	27	29	27	28	31	38	35	28
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	16	12	12	13	15	18	16	16	17
CHROMIUM UG/L	< 3	1	1	< 1	< 2	< 2	< 2	< 2	1
COBALT UG/L	< 3.0	< 3.0	< 2.0	< 3.0	< 3.0	< 3.0	< 2.0	< 2.0	< 1.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	3.0	4.0	5.0	4.0	8.0	8.0	4.0	5.0	8.0
CYANIDE MG/L	0	0	.01	0	.01	0	0	0	.01
DISS SOLIDS SUM MG/L	138	109	109	111	119	136	146	137	131
FLUORIDE MG/L	1.1	1.1	1.3	1.3	.10	1.1	1.7	1.8	1.0
GALLIUM UG/L	< 2.0	< .50	< .50	< .50	< 2.0	< 2.0	< 2.0	< 1.0	< .30
GERMANIUM UG/L	< 5.0	< 3.0	< 2.0	< 3.0	< 3.0	< 4.0	< 4.0	< 3.0	< 1.0
HARDNESS TOTAL MG/L	101	85	86	84	87	96	111	106	93
HARDNESS NONCARB MG/L	48	47	48	42	43	50	51	46	40
IRON UG/L	52	25	35	37	34	52	48	28	42
LEAD UG/L	< 5.0	< 3.0	< 1.0	< 1.0	< 3.0	< 3.0	< 2.0	< 3.0	< 1.0
LITHIUM UG/L	< 10	.60	.50	.90	1.0	2.0	1.0	1.0	1.0
MAGNESIUM MG/L	4.5	4.2	3.4	4.0	4.1	4.6	4.0	4.4	5.5
MANGANESE UG/L	6.0	6.0	6.0	6.0	3.0	3.0	7.0	8.0	6.0
MBAS MG/L	.04	.04	.04	.02	.04	.05	.04	.04	.04
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< .50	< 1.0	< 1.0	< .60	< .70	< 1.0	1.0	1.0
NICKEL UG/L	< 3.0	< 3.0	< 2.0	< 3.0	< 2.0	< 2.0	< 3.0	< 2.0	< 1.0
NITRATE AS N MG/L	.60	.49	.57	.49	.58	.75	.69	.61	.55
NITRITE AS N MG/L	--	.01	.01	.01	0	0	.01	0	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.12	.13	.20	.11	.15	.20	.20	.16	.11
PH UNITS	7.8	7.1	7.2	7.6	7.0	7.0	7.5	7.9	7.5
PHENOLS UG/L	0	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	0	0	.01	.01	.01	.01	.01	.02	0
POTASSIUM MG/L	1.2	.90	.80	.90	1.2	1.3	1.4	1.6	1.6
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	1	2	2	1	< 1	0	< 2
SILICA MG/L	5.4	4.6	3.7	1.1	.30	1.1	1.4	1.0	1.1
SILVER UG/L	< .30	< .30	< .20	< .30	< .30	< .40	< .40	< .30	< .10
SODIUM MG/L	7.4	4.9	5.4	5.8	7.5	9.1	7.7	6.9	7.9
SPECIFIC COND UMHOS	248	215	191	215	110	247	260	250	250
STRONTIUM UG/L	150	85	83	100	140	170	220	180	160
SULFATE MG/L	37	31	30	32	36	41	39	35	37
TIN UG/L	< 3.0	< 3.0	< 2.0	< 3.0	< 3.0	< 4.0	< 3.0	< 2.0	< 1.0
TITANIUM UG/L	3.0	2.0	3.0	3.0	< 3.0	< 3.0	< 3.0	< 2.0	10
VANADIUM UG/L	< 3.0	< 1.0	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0	2.0	1.0
ZINC UG/L	< 140	20	40	6.0	10	10	0	0	0
ZIRCONIUM UG/L	< 14	< 3.0	< 3.0	< 4.0	< 4.0	< 5.0	< 4.0	< 4.0	< 1.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

DUTCHESS COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	414316073562001	POUGHKEEPSIE WTP-HUDSON RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	09/04/74	09/25/74	10/10/74	10/22/74	11/06/74	11/19/74	12/05/74	12/18/74	01/02/75
ALUMINUM UG/L	150	72	70	80	86	63	75	75	78
ARSENIC UG/L	0	1	0	< 1	1	0	0	0	0
BARIUM UG/L	30	37	38	27	27	33	25	25	21
BERYLLIUM UG/L	< .30	< .30	< .30	< .30	< .30	< .30	< .20	< .30	< .60
BICARBONATE MG/L	65	71	73	75	74	66	66	71	63
BISMUTH UG/L	< .70	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0
BORON UG/L	23	21	14	8.0	15	17	10	19	11
CADMIUM UG/L	1	1	1	0	0	1	0	1	0
CALCIUM MG/L	29	34	34	36	34	34	30	32	30
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	18	20	17	16	16	17	13	14	13
CHROMIUM UG/L	1	1	< 2	3	< 1	< 1	< 1	< 1	< 3
COBALT UG/L	< .70	< .60	< .50	< .70	< 1.0	< .70	< 1.0	< 1.0	< 3.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	7.0	7.0	7.0	4.0	5.0	5.0	4.0	4.0	3.0
CYANIDE MG/L	.01	.01	.01	0	.01	.01	.01	.01	.01
DISS SOLIDS SUM MG/L	129	150	144	142	138	147	133	135	130
FLUORIDE MG/L	1.3	1.0	1.0	.80	1.6	1.0	.60	.70	1.0
GALLIUM UG/L	< .40	< .60	< .50	< .30	< .50	< .40	< .40	< .50	< .90
GERMANIUM UG/L	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0
HARDNESS TOTAL MG/L	92	108	108	110	105	107	95	100	94
HARDNESS NONCARB MG/L	39	50	48	49	44	53	41	42	42
IRON UG/L	72	37	40	36	35	40	40	40	49
LEAD UG/L	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0
LITHIUM UG/L	1.0	1.0	1.0	< .00	1.0	1.0	.70	.70	.90
MAGNESIUM MG/L	4.8	5.6	5.6	5.0	4.9	5.3	4.9	5.0	4.6
MANGANESE UG/L	5.0	6.0	2.0	2.0	2.0	2.0	5.0	3.0	6.0
MBAS MG/L	.03	.05	.04	.04	.08	.06	0	0	.10
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	1.0	1.0	1.0	.40	.90	.70	.60	.50	< .90
NICKEL UG/L	.80	1.0	.80	1.0	< 1.0	1.0	.50	1.0	< 2.0
NITRATE AS N MG/L	.46	.69	.54	.51	.58	.58	.52	.57	.58
NITRITE AS N MG/L	0	0	0	0	0	0	0	0	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.18	.13	.18	.17	.17	.22	.28	.21	.14
PH UNITS	8.7	7.8	7.5	7.6	7.7	7.4	7.4	7.5	7.2
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.01	0	.01	0	0	0	.01	.01	0
POTASSIUM MG/L	1.2	1.5	1.4	1.5	1.2	1.6	1.6	1.3	.80
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	< 2	4	2	< 2	0	0	0	0	0
SILICA MG/L	1.1	1.4	1.3	.80	.80	2.9	5.3	5.1	5.2
SILVER UG/L	< .20	< .20	< .20	< .10	< .10	< .10	< .10	< .10	< .30
SODIUM MG/L	8.5	11	9.0	8.5	8.0	9.8	6.2	7.0	7.5
SPECIFIC COND UMHOS	259	320	280	280	270	330	245	305	245
STRONTIUM UG/L	160	190	170	140	150	150	110	160	110
SULFATE MG/L	33	40	38	36	35	42	38	34	36
TIN UG/L	< 2.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0
TITANIUM UG/L	5.0	5.0	17	3.0	3.0	8.0	3.0	4.0	4.0
VANADIUM UG/L	2.0	1.0	< .50	< .70	< 1.0	< .70	< .40	< .70	< 2.0
ZINC UG/L	10	0	0	10	10	10	10	10	40
ZIRCONIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

DUTCHESS COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	414316073562801	POUGHKEEPSIE WTP-HUDSON RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	01/14/75	01/28/75	02/13/75	02/24/75	03/10/75	03/26/75	04/10/75	04/24/75	05/07/75
ALUMINUM UG/L	75	80	92	80	70	70	70	50	90
ARSENIC UG/L	0	0	2	1	0	1	0	1	0
BARIUM UG/L	23	26	24	24	23	24	25	22	21
BERYLLIUM UG/L	< .60	< .70	< .30	< .20	< .20	< .20	< .40	< .30	< .20
BICARBONATE MG/L	66	72	69	65	56	59	51	68	44
BISMUTH UG/L	< 3.0	< 3.0	< .70	< .60	< .70	< 1.0	< 1.0	< 1.0	< .60
BORON UG/L	11	12	16	13	8.0	10	10	9.0	13
CADMIUM UG/L	--	0	0	0	0	0	0	0	0
CALCIUM MG/L	32	30	31	29	25	26	27	32	26
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	15	14	16	15	13	17	12	16	8.1
CHROMIUM UG/L	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
COBALT UG/L	< 3.0	< 3.0	< .50	< 1.0	< .70	< 1.0	< .60	< .50	< .30
COLIFORM CUL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	4.0	4.0	4.0	6.0	2.0	3.0	3.0	4.0	4.0
CYANIDE MG/L	0	0	.02	.01	.01	0	.01	.02	.01
DISS SOLIDS SUM MG/L	135	136	137	134	118	127	115	137	101
FLUORIDE MG/L	1.0	1.0	1.0	1.0	1.3	1.0	1.1	1.4	1.0
GALLIUM UG/L	< 2.0	< 2.0	< .30	< .20	< .30	< .50	< .40	< .50	< .30
GERMANIUM UG/L	< 3.0	< 3.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< .80
MANGANESS TOTAL MG/L	94	96	98	91	86	74	83	100	76
MANGANESS NONCARB MG/L	45	37	41	38	40	31	42	44	40
IRON UG/L	47	53	50	50	40	35	50	38	45
LEAD UG/L	< 3.0	< 3.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< .80
LITHIUM UG/L	.90	.80	1.0	1.0	1.0	.80	1.0	1.0	2.0
MAGNESIUM MG/L	4.7	5.1	5.0	4.6	3.8	3.4	3.9	4.8	2.7
MANGANESE UG/L	6.0	7.0	6.0	10	4.0	5.0	7.0	5.0	11
H2S MG/L	.10	0	0	.10	0	0	0	0	0
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 2.0	.48	< .30	< .20	.50	< .40	< .30	< .30
NICKEL UG/L	< 3.0	< 3.0	2.0	9.0	.68	1.0	1.0	1.0	.60
NITRATE AS N MG/L	.62	.69	.69	.66	.63	.57	.56	.78	.46
NITRITE AS N MG/L	0	.01	0	0	0	.01	.01	.02	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.09	.15	.07	.10	.02	.12	.57	.06	.08
PH UNITS	7.6	7.9	7.6	7.9	7.7	7.5	7.4	7.3	7.3
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	0	.01	.01	.01	.02	.01	0	0	0
POTASSIUM MG/L	1.0	1.4	1.5	1.2	1.4	1.2	1.1	1.0	.80
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	<	0	0	0	0	0	0	0	0
SILICA MG/L	5.5	5.5	5.1	5.9	5.2	5.6	5.0	5.2	5.0
SILVER UG/L	< .30	< .30	< .10	< .10	< .10	< .10	< .10	< .20	< .10
SODIUM MG/L	8.5	7.5	8.5	8.9	5.7	7.7	6.2	7.4	4.4
SPECIFIC COND UMHOS	285	281	250	250	226	240	214	254	187
STRONTIUM UG/L	110	130	150	140	120	140	110	100	96
SULFATE MG/L	34	35	34	36	31	35	33	35	31
TIN UG/L	< 3.0	< 3.0	< 1.0	< 1.0	< .70	< 1.0	< 1.0	< 1.0	< .60
TITANIUM UG/L	4.0	< 3.0	2.0	2.0	2.0	2.0	2.0	4.0	2.0
VANADIUM UG/L	< 3.0	< 2.0	< .70	1.0	< .40	< 1.0	< .70	1.0	.50
ZINC UG/L	0	10	10	20	0	10	0	0	0
ZIRCONIUM UG/L	< 3.0	< 3.0	< 2.0	< 2.0	< 2.0	< 1.0	< 1.0	< 2.0	< 2.0

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TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

DUTCHESS COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	415942073523500	RED HOOK(V)-WELLS
B	415538073565200	RHINEBECK(V)-HUDSON RIVER

SYSTEM(S) ON THIS PAGE..	A	B	B	B	B	B	B	B	B
TYPE OF WATER SAMPLED...	DISTRBN	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	09/19/73	11/10/70	07/13/71	10/18/71	01/16/72	04/11/72	05/18/72	05/31/72	06/13/72
ALUMINUM UG/L	15	22	510	720	530	1200	1200	1600	3300
ARSENIC UG/L	0	0	0	6	6	6	8	1	4
BARIUM UG/L	44	57	58	74	48	47	50	56	85
BERYLLIUM UG/L	< 2.0	< .30	< .60	< .40	< .60	< 2.0	< .60	< .70	< 2.0
BICARBONATE MG/L	150	58	70	56	73	72	48	48	69
BISMUTH UG/L	< 5.0	< 3.0	< 2.0	< 2.0	< 3.0	< 3.0	< 2.0	< 3.0	< 3.0
BORON UG/L	15	33	19	25	21	18	13	9.0	18
CADMIUM UG/L	0	0	0	0	0	0	1	0	0
CALCIUM MG/L	50	23	25	22	27	24	18	18	23
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	11	20	12	12	14	11	6.0	6.2	7.5
CHROMIUM UG/L	< 3	11	9	12	14	12	16	18	27
COBALT UG/L	< 5.0	< 3.0	< 2.0	< 2.0	< 3.0	< 3.0	< 2.0	< 3.0	3.0
COLIFORM COL/100 ML	--	--	--	--	--	--	410	320	1200
COPPER UG/L	10	7.0	5.0	12	7.0	8.0	14	8.0	16
CYANIDE MG/L	.01	0	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	193	148	106	98	124	109	77	80	99
FLUORIDE MG/L	.20	.10	.10	.10	.10	.10	.10	.10	.10
GALLIUM UG/L	< 3.0	ND	< 2.0	< .60	< .60	< 2.0	< 1.0	< 1.0	< 2.0
GERMANIUM UG/L	< 5.0	< 3.0	< 3.0	< 3.0	< 3.0	< 5.0	< 3.0	< 3.0	< 5.0
HARDNESS TOTAL MG/L	147	74	81	70	88	78	58	57	75
HARDNESS NONCARB MG/L	24	26	24	24	29	19	18	18	19
IRON UG/L	24	130	980	1080	760	1600	1800	1800	3400
LEAD UG/L	< 5.0	2.0	10	11	9.0	11	16	21	36
LITHIUM UG/L	10	2.0	2.0	< 10	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	9.5	4.0	4.6	3.7	5.1	4.5	3.1	3.0	4.3
MANGANESE UG/L	3.0	28	200	74	76	93	95	130	200
MBAS MG/L	0	.06	.03	.04	.04	.04	.02	.03	.03
MERCURY UG/L	1.1	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 3.0	.70	1.0	.60	< 2.0	< 2.0	.60	1.0	< 2.0
NICKEL UG/L	< 5.0	2.0	5.0	5.0	5.0	6.0	4.0	7.0	10
NITRATE AS N MG/L	.50	1.0	.37	.80	.60	.78	.60	.80	.80
NITRITE AS N MG/L	.00	0	.01	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	.02	.02	--	.43	--	--	.75	--
NITROGEN NH4+ORG-N MG/L	0	--	.66	.35	.76	.49	1.9	.69	.76
PH UNITS	7.8	7.4	7.8	7.3	7.5	7.2	7.5	7.2	7.4
PHENOLS UG/L	--	0	2.0	4.0	--	--	--	--	--
PHOSPHORUS AS P MG/L	.01	.03	.16	.11	.13	.09	.12	.12	.13
POTASSIUM MG/L	.80	1.4	1.5	1.4	1.2	1.3	.80	.80	1.0
RUBIDIUM UG/L	--	2.8	3.8	--	--	--	--	--	--
SELENIUM UG/L	0	10	0	2	2	0	0	0	0
SILICA MG/L	8.1	3.4	.20	3.2	5.8	4.9	4.5	3.9	4.2
SILVER UG/L	0	< .40	< .30	< .20	< .60	< .30	< .10	< .20	< .30
SODIUM MG/L	11	22	7.6	7.5	8.6	6.6	4.3	4.5	5.6
SPECIFIC COND UMHOS	366	274	195	184	212	199	138	140	180
STRONTIUM UG/L	350	148	110	140	180	150	73	77	140
SULFATE MG/L	32	45	20	20	25	20	16	18	18
TIN UG/L	< 5.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 2.0	< 3.0	< 3.0
TITANIUM UG/L	< 4.0	2.0	28	32	33	88	76	130	290
VANADIUM UG/L	< 3.0	< 3.0	2.0	4.0	1.0	3.0	3.0	4.0	7.0
ZINC UG/L	110	< 180	< 120	< 120	< 270	< 140	< 85	< 150	< 220
ZIRCONIUM UG/L	< 8.0	ND	< 6.0	< 6.0	< 6.0	< 14	3.0	5.0	7.0

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TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

DUTCHESS COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	415538073565200	RHINEBECK(V)-HUDSON RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	07/07/72	07/26/72	08/10/72	08/22/72	09/05/72	09/19/72	10/02/72	10/16/72	10/31/72
ALUMINUM UG/L	1200	1400	1600	630	590	600	440	610	730
ARSENIC UG/L	14	10	4	4	13	6	11	5	10
BARIUM UG/L	41	46	59	52	57	59	43	55	60
BERYLLIUM UG/L	< 1.0	< .50	< 2.0	< .80	< .90	< .90	< .80	< 2.0	< .90
BICARBONATE MG/L	55	67	68	67	74	70	65	67	66
BISMUTH UG/L	< 3.0	< 3.0	< 6.0	< 3.0	< 3.0	< 3.0	< 3.0	< 6.0	< 3.0
BORON UG/L	23	11	12	13	12	16	15	15	21
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	18	22	24	23	26	26	24	25	25
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	6.0	5.0	9.5	10	12	14	14	15	14
CHROMIUM UG/L	9	9	16	11	9	9	5	7	9
COBALT UG/L	< 3.0	< 3.0	< 3.0	< 2.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
COLIFORM COL/100 ML	3200	660	400	520	430	1000	1000	1800	< 1900
COPPER UG/L	10	6.0	12	8.0	12	6.0	4.0	6.0	7.0
CYANIDE MG/L	0	.03	.01	0	.01	0	0	0	0
DISS SOLIDS SUM MG/L	81	90	98	99	111	113	107	115	116
FLUORIDE MG/L	.10	.10	.10	.10	.10	.10	.10	.10	.10
GALLIUM UG/L	< 3.0	< 2.0	< 3.0	< 2.0	< 2.0	< 2.0	< 1.0	< 3.0	< 2.0
GERMANIUM UG/L	< 5.0	< 3.0	< 6.0	< 3.0	< 3.0	< 5.0	< 3.0	< 6.0	< 3.0
HARDNESS TOTAL MG/L	59	71	79	76	86	85	78	82	83
HARDNESS NONCARB MG/L	14	16	23	21	25	27	24	27	28
IRON UG/L	2100	1400	2400	1500	1500	1000	780	610	1000
LEAD UG/L	11	13	14	9.0	8.0	10	6.0	7.0	7.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	3.4	4.0	4.6	4.4	5.0	4.8	4.3	4.7	4.9
MANGANESE UG/L	190	110	130	98	100	95	67	62	56
MBAS MG/L	.03	.03	.02	.03	.04	.04	.03	.05	.05
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .50	< 2.0	.70	< 2.0	< .20	< 2.0	2.0	1.0	< 2.0
NICKEL UG/L	4.0	5.0	6.0	4.0	7.0	5.0	4.0	5.0	7.0
NITRATE AS N MG/L	.60	.70	.50	.60	.60	.67	.80	1.0	.90
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.58	.58	.63	.50	.55	.54	.48	.57	.69
PH UNITS	7.4	7.5	7.7	8.1	7.8	8.0	7.8	7.8	7.6
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.09	.10	.10	.10	.11	.08	.10	.07	.10
POTASSIUM MG/L	1.3	.90	1.0	1.0	1.2	1.3	1.2	1.2	1.4
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	0	0	1	0	0	0	2
SILICA MG/L	4.9	3.3	.30	.30	.30	.30	.40	.40	.90
SILVER UG/L	< .50	< .30	< .60	< .20	< .30	3.0	< .30	< .60	< .30
SODIUM MG/L	4.9	5.4	6.5	7.1	8.2	8.8	9.1	10	10
SPECIFIC COND UMHOS	144	174	186	187	209	211	204	210	207
STRONTIUM UG/L	71	95	130	140	160	160	140	130	120
SULFATE MG/L	15	16	18	19	21	23	21	25	26
TIN UG/L	< 5.0	< 3.0	< 6.0	< 3.0	< 3.0	< 3.0	< 3.0	< 6.0	< 3.0
TITANIUM UG/L	84	88	110	27	19	31	25	39	47
VANADIUM UG/L	3.0	3.0	3.0	3.0	3.0	3.0	3 0	2.0	3.0
ZINC UG/L	< 220	< 180	< 190	< 180	< 200	< 190	< 170	< 180	0
ZIRCONIUM UG/L	< 5.0	< 6.0	< 3.0	< 4.0	< 4.0	< 6.0	3 0	< 6.0	< 6.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

DUTCHESS COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	415538073565200	PINEBEC<(V)-HUDSON RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	11/13/72	11/27/72	12/11/72	12/26/72	01/08/73	01/22/73	02/05/73	02/20/73	03/05/73
ALUMINUM UG/L	3000	1300	4400	1300	3200	640	1900	640	640
ARSENIC UG/L	10	0	10	20	10	10	10	0	0
BARIUM UG/L	68	43	67	42	41	42	61	37	36
BERYLLIUM UG/L	< 1.0	< .90	< 1.0	< .90	< .60	< .60	< .60	< .80	< .80
BICARBONATE MG/L	79	70	62	64	57	66	51	54	58
BISMUTH UG/L	< 4.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
BORON UG/L	20	13	20	17	15	27	15	15	19
CADMIUM UG/L	1	0	0	0	0	0	0	0	0
CALCIUM MG/L	29	26	24	24	21	25	19	20	22
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	9.5	11	9.8	11	7.5	8.7	9.5	9.0	12
CHROMIUM UG/L	20	9	14	10	10	22	7	5	5
COBALT UG/L	10	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	3.0	< 3.0	< 3.0
COLIFORM COL/100 ML	3200	1800	7000	3600	1800	580	2500	240	130
COPPER UG/L	7.0	6.0	8.0	8.0	8.0	6.0	6.0	4.0	5.0
CYANIDE MG/L	0	0	.01	0	.01	.01	.01	0	.01
DISS SOLIDS SUM MG/L	125	116	187	105	93	106	88	93	101
FLUORIDE MG/L	.10	0	.10	.10	0	.10	.10	.10	.10
GALLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< .90	< .90	< 2.0	< 1.0	< 1.0
GERMANIUM UG/L	< 4.0	< 3.0	< 3.0	< 3.0	< 3.0	< 2.0	< 3.0	< 3.0	< 3.0
HARDNESS TOTAL MG/L	93	84	78	78	68	81	61	66	71
HARDNESS NONCARB MG/L	29	27	27	26	21	26	20	22	23
IRON UG/L	3200	1300	3200	1700	2900	1000	2200	820	820
LEAD UG/L	14	8.0	8.0	10	9.0	10	6.0	5.0	6.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	5.1	4.7	4.4	4.5	3.7	4.4	3.4	3.9	3.9
MANGANESE UG/L	96	77	120	79	100	70	100	53	63
MBAS MG/L	.03	.03	.01	.03	.01	.03	.03	.03	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	.80	.80
MOLYBDENUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< .60	< .90	< .80	< 1.0	< 1.0
NICKEL UG/L	8.0	4.0	9.0	6.0	8.0	6.0	6.0	<.0	4.0
NITRATE AS N MG/L	.60	.78	.70	.80	.70	1.0	.80	1.0	1.1
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.78	.53	.59	.55	.39	.71	.38	.17	.23
PH UNITS	7.5	7.7	7.0	7.4	7.3	7.3	7.5	7.2	7.4
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.16	.09	.10	.10	.11	.09	.10	.06	.07
POTASSIUM MG/L	2.1	1.6	1.1	.90	1.0	.90	1.0	.90	.80
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	2	0	2	4	10	3	2	0	1
SILICA MG/L	5.0	5.5	4.5	5.4	4.7	5.5	4.7	5.7	5.8
SILVER UG/L	< .40	< .30	< .30	< .30	< 3.0	< .30	< .30	< .30	< .30
SODIUM MG/L	6.5	7.4	6.3	7.4	4.8	6.7	6.2	6.1	7.7
SPECIFIC COND UMHOS	216	202	185	190	159	190	154	168	178
STRONTIUM UG/L	220	130	110	190	100	110	77	94	110
SULFATE MG/L	28	25	26	19	21	21	18	20	19
TIN UG/L	< 4.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
TITANIUM UG/L	270	85	220	64	> 120	47	100	25	31
VANADIUM UG/L	6.0	3.0	8.0	3.0	5.0	2.0	3.0	< 3.0	< 2.0
ZINC UG/L	30	20	10	10	0	30	10	0	0
ZIRCONIUM UG/L	< 5.0	< 4.0	< 7.0	3.0	4.0	< 4.0	< 4.0	< 5.0	< 3.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

DUTCHESS COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	415538073565200	RHINEBECK(V)-HUDSON RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	03/19/73	04/02/73	04/16/73	04/30/73	06/12/73	09/17/73	12/10/73	01/04/74	01/22/75
ALUMINUM UG/L	5300	1300	3300	1100	1500	1500	800	3000	2000
ARSENIC UG/L	0	0	0	0	0	0	1	1	2
BARIUM UG/L	56	38	42	29	36	53	35	48	43
BERYLLIUM UG/L	< .70	< .80	< .90	< .40	< .80	< 1.0	< 1.0	< .70	< .70
BICARBONATE MG/L	55	--	54	60	62	72	64	55	72
BISMUTH UG/L	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 4.0	< 3.0	< 2.0	< 3.0
BORON UG/L	22	14	17	13	8.0	26	24	23	12
CADMIUM UG/L	0	--	0	0	0	0	0	0	0
CALCIUM MG/L	21	--	19	24	22	24	22	19	25
CARBONATE MG/L	0	--	0	0	0	0	0	0	0
CHLORIDE MG/L	12	--	6.5	8.3	8.0	13	11	12	9.3
CHROMIUM UG/L	8	8	12	6	7	7	8	10	4
COBALT UG/L	< 3.0	< 3.0	< 3.0	< 3.0	< 2.0	< 2.0	< 3.0	4.0	< 3.0
COLIFORM COL/100 ML	3400	55000	1300	680	--	--	--	--	--
COPPER UG/L	5.0	8.0	14	4.0	7.0	6.0	8.0	13	6.0
CYANIDE MG/L	.01	.02	0	.01	.02	.01	.01	0	0
DISS SOLIDS SUM MG/L	98	33	84	95	98	111	108	95	104
FLUORIDE MG/L	0	--	.30	.20	.30	.50	.20	.20	0
GALLIUM UG/L	2.0	< 1.0	1.0	< 2.0	< 1.0	< 2.0	< 2.0	< .70	< 2.0
GERMANIUM UG/L	< 3.0	< 3.0	< 4.0	< 3.0	< 3.0	< 4.0	< 3.0	< 3.0	< 3.0
HARDNESS TOTAL MG/L	66	--	62	76	71	82	80	64	81
HARDNESS NONCARB MG/L	21	--	18	26	20	23	27	19	22
IRON UG/L	4400	1700	3400	1400	1600	2300	1100	2800	1400
LEAD UG/L	6.0	6.0	9.0	6.0	8.0	8.0	4.0	7.0	3.0
LITHIUM UG/L	< 10	--	--	--	0	0	0	0	2.0
MAGNESIUM MG/L	3.4	--	3.5	3.8	3.9	5.4	6.8	4.0	4.6
MANGANESE UG/L	110	87	100	77	90	150	60	86	53
MBAS MG/L	.05	.08	.02	.04	.03	.07	.02	.01	0
MERCURY UG/L	2.6	--	6.0	6.4	15	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 1.0	< 1.0	< .60	< 2.0	< 1.0	< 2.0	< 2.0	< .80	< 2.0
NICKEL UG/L	8.0	5.0	7.0	4.0	4.0	8.0	5.0	6.0	5.0
NITRATE AS N MG/L	1.3	--	.70	.80	.57	.48	.55	.75	.64
NITRITE AS N MG/L	--	--	--	--	.03	.02	.02	.03	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.64	.56	.41	.40	.34	.48	.47	.51	.35
PH UNITS	7.6	--	7.3	7.5	7.4	7.2	7.3	7.4	6.1
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.12	.07	.10	.08	.08	.33	.09	.08	.07
POTASSIUM MG/L	2.0	1.3	.90	.80	.80	1.3	1.6	1.3	1.4
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	<	1	2	2	2	1	1	1	0
SILICA MG/L	4.8	4.5	4.7	4.2	2.4	.38	4.1	3.9	5.0
SILVER UG/L	< .38	< .30	< .30	< .30	< .50	0	< .30	< .30	< .30
SODIUM MG/L	6.2	6.9	4.7	5.6	5.3	9.7	8.0	6.7	6.8
SPECIFIC COND UMHOS	155	159	148	163	162	217	203	189	215
STRONTIUM UG/L	100	85	90	67	110	140	180	120	140
SULFATE MG/L	20	20	17	18	14	21	23	20	18
TIN UG/L	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 4.0	< 3.0	< 3.0	< 3.0
TITANIUM UG/L	200	71	200	57	110	52	45	160	120
VANADIUM UG/L	7.0	3.0	6.0	< 3.0	3.0	2.0	< 2.0	5.0	4.0
ZINC UG/L	30	20	10	10	0	80	50	80	0
ZIRCONIUM UG/L	4.0	< 5.0	6.0	< 5.0	< 5.0	< 5.0	< 4.0	< 5.0	< 4.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

DUTCHESS COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	415538073565201	RHINEBECK (V)-HUDSON RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	11/10/70	07/13/71	10/18/71	01/16/72	04/11/72	08/12/73	09/17/73	12/10/73	03/04/74
ALUMINUM UG/L	45	22	120	280	75	54	25	48	330
ARSENIC UG/L	0	0	0	0	2	0	0	< 1	1
BARIUM UG/L	58	48	65	62	32	24	35	25	21
BERYLLIUM UG/L	< .40	< .60	< .50	< .60	< 2.0	< .90	< 1.0	< 1.0	< .60
BICARBONATE MG/L	58	66	57	70	78	51	64	66	51
BISMUTH UG/L	< 4.0	< 2.0	< 2.0	< 3.0	< 3.0	< 3.0	< 3.0	< 4.0	< 2.0
BORON UG/L	30	16	21	15	12	6.0	17	21	14
CADMIUM UG/L	1	0	0	0	0	0	0	0	0
CALCIUM MG/L	24	24	23	26	25	19	24	23	20
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	14	16	15	19	15	12	18	16	16
CHROMIUM UG/L	< 4	2	3	6	< 3	1	1	4	3
COBALT UG/L	< 4.0	< 2.0	2.0	< 3.0	< 3.0	< 2.0	< 3.0	< 3.0	< 3.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	12	6.0	250	6.0	4.0	75	12	15	2.0
CYANIDE MG/L	0	0	0	0	0	.01	0	0	0
DISS SOLIDS SUM MG/L	113	132	128	155	134	111	133	137	120
FLUORIDE MG/L	.20	0	.10	0	.10	.40	.40	E .20	.20
GALLIUM UG/L	ND	< 2.0	.60	< .60	< 2.0	< 1.0	< 2.0	< 2.0	< .60
GERMANIUM UG/L	< 4.0	< 3.0	< 3.0	< 3.0	< 5.0	< 3.0	< 3.0	< 3.0	< 3.0
HARDNESS TOTAL MG/L	76	79	73	86	81	63	83	83	66
HARDNESS NONCARB MG/L	28	25	26	29	24	22	30	29	24
IRON UG/L	11	14	130	45	22	30	15	16	77
LEAD UG/L	< 4.0	< 3.0	70	< 3.0	< 5.0	13	< 3.0	4.0	< 2.0
LITHIUM UG/L	2.0	2.0	< 10	< 10	< 10	0	0	0	0
MAGNESIUM MG/L	3.8	4.6	3.8	5.2	4.5	3.9	5.5	6.2	3.9
MANGANESE UG/L	25	13	490	28	28	82	3.0	16	14
MBAS MG/L	.05	.03	.03	.06	.05	.03	.06	.04	.01
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	1.6	< .50	.60	2.2
MOLYBDENUM UG/L	.80	1.0	.70	1.0	< 2.0	< 1.0	< 2.0	< 2.0	< .70
NICKEL UG/L	1.0	< 3.0	41	< 3.0	< 3.0	1.0	< 3.0	< 3.0	< 2.0
NITRATE AS N MG/L	1.1	.37	.70	.70	.60	.50	.36	.59	.79
NITRITE AS N MG/L	.02	0	--	--	--	.01	.01	.01	0
NITROGEN NH4 AS N MG/L	.22	0	--	--	--	--	.06	--	--
NITROGEN NH4+ORG-N MG/L	--	.16	.38	.32	.27	.10	.11	.15	.21
PH UNITS	7.1	8.0	7.5	7.4	7.4	7.5	7.7	7.5	7.3
PHENOLS UG/L	4.0	0	4.0	2.0	0	--	--	--	--
PHOSPHORUS AS P MG/L	.22	.03	0	.02	0	.00	.00	.00	.01
POTASSIUM MG/L	1.3	1.6	1.5	1.3	1.3	.90	1.4	1.6	1.3
RUBIDIUM UG/L	2.0	3.8	--	--	--	--	--	--	--
SELENIUM UG/L	4	0	1	3	0	0	1	4	1
SILICA MG/L	3.6	.28	3.1	5.4	4.6	2.6	.28	3.9	3.7
SILVER UG/L	< .50	< .30	< .20	< .60	< .30	< .50	0	< .30	< .30
SODIUM MG/L	9.4	17	16	20	16	15	16	18	15
SPECIFIC COND UMHOS	211	241	236	261	248	207	258	250	224
STRONTIUM UG/L	140	100	140	130	150	110	130	170	120
SULFATE MG/L	27	36	37	43	34	32	36	35	34
TIN UG/L	< 4.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
TITANIUM UG/L	< 2.0	< 2.0	< 3.0	4.0	< 3.0	< 3.0	< 3.0	< 3.0	5.0
VANADIUM UG/L	< 4.0	1.0	8.0	1.0	< 2.0	1.0	< 2.0	< 2.0	< 2.0
ZINC UG/L	< 220	< 120	< 130	< 300	< 140	0	0	30	90
ZIRCONIUM UG/L	ND	< 6.0	< 6.0	< 7.0	< 14	< 5.0	< 5.0	< 4.0	< 4.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

DUTCHESS COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	415538073565201	RHINEBEC<(V)-HUDSON RIVER
B	413449073513500	ROCKINGHAM FARMS WATER SYSTEMS-WELL
C	413709073480200	SOMERSET WATER SYSTEM #2-WELLS
D	413852073555200	SOUTH GATES #0-WELL
E	415033073555300	STAATSBURG(U)-WELLS
F	420332073544000	TIVOLI(V)-WELL
G	413629073551401	WAPPINGERS FALLS(V)-WELLS
H	413629073551400	WAPPINGERS FALLS(V)-WELLS
I	413420073501800	WORLEY HOMES-WELL

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	TREATED	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	RAW	TREATED	DISTRBN
DATE.....	01/22/75	02/18/75	09/21/72	09/21/72	09/21/72	02/19/75	07/12/71	07/12/71	02/18/75
ALUMINUM UG/L	180	2.0	40	80	27	6.0	2.0	8.0	5.0
ARSENIC UG/L	1	0	0	0	0	1	0	0	0
BARIUM UG/L	26	4.0	< 12	40	42	70	24	12	18
BERYLLIUM UG/L	< .70	< .20	< 3.0	< 2.0	< 2.0	< .60	< 2.0	< 2.0	< .40
BICARBONATE MG/L	70	73	180	71	146	255	225	245	115
BISMUTH UG/L	< 3.0	< .70	< 10	< 6.0	< 7.0	< 2.0	< 4.0	< 4.0	< 2.0
BORON UG/L	13	30	50	9.0	19	25	30	26	140
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	27	28	51	34	44	64	65	24	44
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	14	15	28	17	5.0	28	73	68	51
CHROMIUM UG/L	< 2	< 1	< 6	< 3	< 4	< 3	< 9	< 9	< 2
COBALT UG/L	< 3.0	< .50	< 6.0	< 3.0	< 4.0	< 3.0	< 4.0	< 4.0	< 1.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	7.0	250	8.0	43	52	10	3.0	.80	21
CYANIDE MG/L	0	.01	0	0	0	.01	0	0	.01
DISS SOLIDS SUM MG/L	137	126	251	136	168	338	351	383	243
FLUORIDE MG/L	0	.20	.10	1.0	.20	.20	0	.10	.20
GALLIUM UG/L	< 2.0	< .20	< 5.0	< 3.0	< 3.0	< .60	< 4.0	< 4.0	< .40
GERMANIUM UG/L	< 3.0	< 1.0	< 10	< 6.0	< 7.0	< 3.0	< 9.0	< 9.0	< 2.0
HARDNESS TOTAL MG/L	87	92	193	105	126	259	269	87	152
HARDNESS NONCARB MG/L	29	32	46	46	6	50	85	0	58
IRON UG/L	60	2.0	4400	22	280	100	10	12	< 7.0
LEAD UG/L	3.0	< 1.0	< 6.0	< 3.0	5.0	< 3.0	< 9.0	< 9.0	< 2.0
LITHIUM UG/L	1.0	< .60	< 10	< 10	10	20	2.0	3.0	2.0
MAGNESIUM MG/L	4.7	5.3	16	4.8	3.8	12	26	6.6	9.0
MANGANESE UG/L	7.0	.70	6.0	2.0	90	14	170	< 4.0	56
MBAS MG/L	.10	0	.04	.04	.06	0	.03	.03	0
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< .20	3.0	1.0	< 2.0	< .90	< 2.0	< 2.0	< .40
NICKEL UG/L	< 3.0	< .70	< 6.0	< 3.0	< 4.0	< 3.0	< 9.0	< 9.0	< 2.0
NITRATE AS N MG/L	.64	2.0	4.4	.10	.70	.56	1.7	1.9	2.9
NITRITE AS N MG/L	0	0	--	--	--	--	.01	0	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	.18	0	--
NITROGEN NH4+ORG-N MG/L	.13	.01	0	.22	.18	.06	.46	.04	.06
PH UNITS	6.1	7.0	7.6	7.8	8.0	6.6	7.9	8.0	7.2
PHENOLS UG/L	--	--	--	--	--	--	1.0	2.0	--
PHOSPHORUS AS P MG/L	0	.01	.01	.00	.00	0	0	.01	.01
POTASSIUM MG/L	1.5	1.0	.80	1.3	.60	2.2	1.0	.70	1.4
RUBIDIUM UG/L	--	--	--	--	--	--	< .60	< .60	--
SELENIUM UG/L	0	1	0	0	0	1	6	0	0
SILICA MG/L	4.8	5.9	10	1.1	5.0	10	9.8	9.8	9.2
SILVER UG/L	< .30	< .10	< 1.0	< .60	< .70	< .30	< .90	< .90	< .20
SODIUM MG/L	14	7.9	25	6.6	12	17	31	120	27
SPECIFIC COND UMHOS	270	240	453	258	288	600	676	670	470
STRONTIUM UG/L	150	150	110	130	420	1000	160	70	240
SULFATE MG/L	36	25	27	35	25	59	33	31	49
TIN UG/L	< 3.0	< 1.0	< 10	< 3.0	< 7.0	< 3.0	< 9.0	< 9.0	< 2.0
TITANIUM UG/L	4.0	< .70	5.0	< 6.0	< 4.0	< 2.0	< 4.0	< 4.0	< 2.0
VANADIUM UG/L	< 2.0	< .70	< 6.0	< 3.0	< 4.0	< 3.0	< 4.0	< 4.0	< 2.0
ZINC UG/L	10	10	< 220	< 290	< 360	30	< 390	< 390	10
ZIRCONIUM UG/L	< 4.0	< 2.0	< 10	< 6.0	< 7.0	< 4.0	< 19	< 18	< 3.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ERIE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	425210078212200	AKRON(V)-MURDER CREEK RESERVOIR
B	425210078212201	AKRON(V)-MURDER CREEK RESERVOIR

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	B	B	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	TREATED	TREATED	TREATED	TREATED
DATE.....	09/15/71	06/14/73	09/21/73	12/14/73	03/06/74	09/15/71	06/14/73	09/21/73	12/14/73
ALUMINUM UG/L	180	120	140	110	880	770	81	1600	310
ARSENIC UG/L	0	0	0	2	1	0	0	< 1	< 1
BARIUM UG/L	23	28	24	28	40	17	30	14	27
BERYLLIUM UG/L	< .30	< .60	< .60	< .40	< .40	< .40	< .70	< .80	< .50
BICARBONATE MG/L	53	33	39	26	19	50	49	43	30
BISMUTH UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 3.0	< 3.0
BORON UG/L	20	10	26	17	25	19	14	24	19
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	25	14	13	15	11	24	26	23	21
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	13	6.0	5.0	7.7	8.9	14	10	10	11
CHROMIUM UG/L	< 2	< 1	< 1	< 1	1	< 2	< 1	< 1	< 1
COBALT UG/L	< .20	< .80	< 2.0	< 1.0	< .80	< .20	< 1.0	< 3.0	< 1.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	170	220	58	98	140	26	5.0	3.0	3.0
CYANIDE MG/L	0	.01	0	.01	0	0	0	0	.02
DISS SOLIDS SUM MG/L	93	64	61	79	64	107	98	96	95
FLUORIDE MG/L	.70	.20	.50	.48	.30	.10	.20	.40	.40
GALLIUM UG/L	< .30	< .40	< .80	< .60	< .48	< .40	< 1.0	< 1.0	< .70
GERMANIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0
HARDNESS TOTAL MG/L	76	47	46	52	38	74	78	71	68
HARDNESS NONCARB MG/L	33	20	14	31	22	33	37	35	44
IRON UG/L	4800	570	1500	650	1800	160	28	80	52
LEAD UG/L	2.0	2.0	< 2.0	< 1.0	2.0	2.0	< 2.0	< 3.0	< 1.0
LITHIUM UG/L	< 10	0	0	0	0	< 10	0	0	0
MAGNESIUM MG/L	3.4	2.9	3.3	3.6	2.5	3.4	3.1	3.2	3.9
MANGANESE UG/L	250	230	230	98	120	40	2.0	30	3.0
MBAS MG/L	.04	.05	.02	.04	.01	.04	.04	.02	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	3.8	< .50	< .50	< .50	.90
MOLYBDENUM UG/L	2.0	< .80	2.0	1.6	.70	2.0	< 1.0	2.0	< 1.0
NICKEL UG/L	4.0	4.0	3.0	4.0	4.0	< 2.0	< 2.0	2.0	--
NITRATE AS N MG/L	0	.05	.00	.12	.31	.20	.06	.02	.16
NITRITE AS N MG/L	--	.01	.01	.01	.01	--	0	.01	.00
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.65	.40	.16	.52	.32	.21	.10	.19	.09
PH UNITS	7.4	6.7	6.9	7.0	6.6	7.5	7.3	7.7	7.4
PHENOLS UG/L	0	--	--	--	--	0	--	--	--
PHOSPHORUS AS P MG/L	.04	.01	.02	.02	.02	1.1	.17	.02	.01
POTASSIUM MG/L	1.1	1.2	1.0	2.3	1.5	1.1	1.2	1.1	2.2
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	2	4	< 1	1	0	1	5	1
SILICA MG/L	.80	1.5	.70	2.7	2.3	.80	2.0	.50	2.2
SILVER UG/L	.20	< .30	< .30	< .20	< .20	< .20	< .40	< .40	< .20
SODIUM MG/L	4.5	4.3	4.0	5.2	4.6	6.5	4.3	5.0	5.0
SPECIFIC COND UMHOS	133	121	119	142	121	190	178	181	178
STRONTIUM UG/L	54	45	50	48	42	55	48	50	46
SULFATE MG/L	18	18	14	29	23	31	27	32	34
TIN UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 3.0	< 3.0	< 2.0
TITANIUM UG/L	3.0	< 2.0	4.0	3.0	25	< 1.0	< 2.0	< 2.0	< 1.0
VANADIUM UG/L	< .70	< 1.0	< .80	< 1.0	2.0	< 1.0	< 1.0	< 1.0	< 1.0
ZINC UG/L	< 150	8	10	10	20	480	80	340	30
ZIRCONIUM UG/L	< 4.0	< 3.0	< 3.0	< 2.0	< 2.0	< 5.0	< 4.0	< 4.0	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ERIE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	425210078212201	AKRON(V)-MURDER CREEK RESERVOIR
B	425415078293901	ALDEN(V)-WELL
C	425415078293900	ALDEN(V)-WELL
D	423925079034400	ANGOLA(V)-LAKE ERIE
E	423925079034401	ANGOLA(V)-LAKE ERIE
F	425342078535800	BUFFALO(C)-LAKE ERIE

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	F	F	F
TYPE OF WATER SAMPLED...	TREATED	RAW	TREATED	RAW	TREATED	RAW	RAW	RAW	RAW
DATE.....	03/06/74	09/15/71	09/15/71	09/14/71	09/14/71	11/18/70	05/16/73	05/29/73	06/13/73
ALUMINUM UG/L	240	27	25	97	250	9.0	54	680	1400
ARSENIC UG/L	< 1	0	0	0	0	0	0	0	0
BARIUM UG/L	30	210	220	26	27	28	28	24	46
BERYLLIUM UG/L	< .40	< 3.0	< 3.0	< .40	< .80	< .60	< 2.0	< 2.0	< 2.0
BICARBONATE MG/L	30	123	288	114	107	108	110	111	112
BISMUTH UG/L	< 2.0	< 11	< 11	< 4.0	< 4.0	< 3.0	< 4.0	< 5.0	< 5.0
BORON UG/L	20	110	94	20	22	20	9.0	17	14
CADMIUM UG/L	0	0	0	0	0	0	0	0	1
CALCIUM MG/L	17	74	125	39	39	39	39	40	38
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	10	84	75	24	26	26	28	24	24
CHROMIUM UG/L	< 1	< 11	< 11	< 4	< 4	< 4	< 4	< 2	3
COBALT UG/L	< 1.0	< 2.0	< 2.0	< .40	< .40	< 2.0	< 4.0	< 2.0	< 3.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	8.0	< 3.0	15	5.0	25	2.0	2.0	6.0	9.0
CYANIDE MG/L	0	0	0	0	.01	0	0	.01	0
DISS SOLIDS SUM MG/L	81	304	529	165	167	161	171	172	162
FLUORIDE MG/L	.28	.20	.40	.20	.20	.30	.30	.30	.20
GALLIUM UG/L	< .40	< 3.0	< 3.0	< .80	< .80	ND	< 2.0	< 2.0	< 2.0
GERMANIUM UG/L	< 2.0	< 11	< 11	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0	< 5.0
HARDNESS TOTAL MG/L	53	275	403	130	130	124	130	134	128
HARDNESS NONCARB MG/L	28	174	166	37	43	36	40	43	36
IRON UG/L	60	190	180	110	15	9.0	74	930	1700
LEAD UG/L	< 1.0	< 11	< 11	< 4.0	< 4.0	< 3.0	< 4.0	7.0	6.0
LITHIUM UG/L	0	60	60	< 10	< 10	3.0	0	10	0
MAGNESIUM MG/L	2.5	22	22	8.0	8.0	6.5	8.0	8.3	8.1
MANGANESE UG/L	7.0	75	86	24	< 2.0	< 2.0	5.0	28	40
MBAS MG/L	.01	.03	.04	.02	.02	.01	.09	.07	.04
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	2.0	< .50	< .50
MOLYBDENUM UG/L	< .40	< 6.0	< 6.0	< 2.0	2.0	1.0	< 2.0	< 2.0	1.0
NICKEL UG/L	< 1.0	< 11	17	< 4.0	< 4.0	< 2.0	< 4.0	8.0	8.0
NITRATE AS N MG/L	.38	0	.20	.10	0	.10	.38	.59	.39
NITRITE AS N MG/L	0	.08	--	--	--	0	.02	.01	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	.01	--	--	--
NITROGEN NH4+ORG-N MG/L	.02	.19	.05	.21	.13	--	.38	.36	.25
PH UNITS	7.3	8.1	7.5	7.8	7.4	8.0	7.5	7.7	7.3
PHENOLS UG/L	--	0	0	1.0	1.0	0	--	--	--
PHOSPHORUS AS P MG/L	.01	.05	1.8	.02	.01	.05	.02	.02	.03
POTASSIUM MG/L	1.5	2.1	2.1	1.3	1.3	1.1	1.2	1.3	1.3
RUBIDIUM UG/L	--	--	--	--	--	< 2.0	--	--	--
SELENIUM UG/L	1	0	5	2	2	1	1	1	1
SILICA MG/L	2.3	8.6	8.8	.30	.20	.20	.10	.10	.30
SILVER UG/L	< .20	< 2.0	< 2.0	< .40	< .40	.30	< .40	< .50	< .50
SODIUM MG/L	4.2	32	32	12	12	11	12	12	11
SPECIFIC COND UMHOS	154	788	869	308	313	320	316	315	303
STRONTIUM UG/L	48	900	890	190	210	170	120	160	110
SULFATE MG/L	28	110	120	24	28	24	28	31	24
TIN UG/L	< 2.0	< 11	< 11	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0	< 5.0
TITANIUM UG/L	1.0	< 6.0	< 6.0	< 2.0	< 2.0	< 2.0	< 4.0	22	62
VANADIUM UG/L	< 1.0	< 6.0	< 6.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	2.0
ZINC UG/L	70	< 1200	< 1200	< 390	< 380	< 250	30	160	240
ZIRCONIUM UG/L	< 2.0	< 24	< 24	< 9.0	< 9.0	ND	< 9.0	< 9.0	< 7.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ERIE COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	425342078535800	BUFFALO(C)-LAKE ERIE

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	06/27/73	07/11/73	07/24/73	08/08/73	08/22/73	09/05/73	09/20/73	10/03/73	10/16/73
ALUMINUM UG/L	190	42	23	14	10	700	70	210	500
ARSENIC UG/L	0	0	0	0	0	0	1	1	1
BARIUM UG/L	21	20	26	18	25	28	23	29	33
BERYLLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
BICARBONATE MG/L	113	113	114	111	114	113	117	116	113
BISMUTH UG/L	< 5.0	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0	< 4.0	< 4.0	< 5.0
BORON UG/L	12	10	15	10	12	17	11	14	19
CADMIUM UG/L	1	0	0	0	0	0	0	0	0
CALCIUM MG/L	39	37	39	35	38	38	35	34	34
CARBONATE MG/L	0	0	0	0	1	2	0	0	0
CHLORIDE MG/L	23	21	25	23	22	22	23	23	24
CHROMIUM UG/L	< 2	< 2	< 2	< 2	< 2	4	< 2	< 2	< 2
COBALT UG/L	< 3.0	< 2.0	< 2.0	< 2.0	< 4.0	< 5.0	< 4.0	< 4.0	< 5.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	6.0	3.0	4.0	2.0	4.0	8.0	1.0	4.0	5.0
CYANIDE MG/L	0	.01	.02	.01	0	0	0	0	0
DISS SOLIDS SUM MG/L	163	155	165	156	161	162	160	159	157
FLUORIDE MG/L	.20	.20	.20	.30	.30	.50	.60	.58	.30
GALLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
GERMANIUM UG/L	< 5.0	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0	< 4.0	< 4.0	< 5.0
HARDNESS TOTAL MG/L	131	126	130	122	129	128	121	119	118
HARDNESS NONCARB MG/L	38	33	37	31	33	32	25	24	26
IRON UG/L	350	48	18	12	20	1200	100	340	780
LEAD UG/L	< 2.0	< 4.0	< 3.0	< 3.0	< 4.0	13	< 4.0	< 4.0	< 5.0
LITHIUM UG/L	0	0	10	2.0	0	0	0	0	0
MAGNESIUM MG/L	8.1	8.1	8.0	8.5	8.2	8.0	8.1	8.3	8.1
MANGANESE UG/L	13	4.0	3.0	4.0	2.0	77	4.0	33	31
MBAS MG/L	.02	.01	.01	.01	0	0	.01	.01	.01
MERCURY UG/L	< .50	< .50	1.5	1.3	< .50	3.4	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
NICKEL UG/L	2.0	< 2.0	< 2.0	< 2.0	< 4.0	8.0	< 4.0	3.0	< 5.0
NITRATE AS N MG/L	.29	.31	.22	.16	.08	.18	.89	.19	.07
NITRITE AS N MG/L	.01	.03	.01	.01	.01	0	.01	.00	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.34	.23	.24	.20	.23	.14	.25	.13	.10
PH UNITS	8.0	8.2	8.1	8.0	8.4	8.4	8.0	7.8	7.8
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.04	.01	.01	.01	.01	.06	.02	.02	.02
POTASSIUM MG/L	1.3	1.2	1.2	1.3	1.5	1.4	1.4	1.4	1.5
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	1	1	1	--	0	0	1
SILICA MG/L	.24	.30	.30	.20	.20	.30	.48	.30	.35
SILVER UG/L	< .50	< .40	< .40	< .40	0	0	0	< .60	< .70
SODIUM MG/L	11	10	11	11	10	10	10	11	11
SPECIFIC COND UMHOS	300	287	304	312	300	301	308	306	307
STRONTIUM UG/L	100	110	130	110	180	150	140	180	170
SULFATE MG/L	24	21	24	22	24	24	24	23	22
TIN UG/L	< 5.0	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0	< 4.0	< 4.0	< 5.0
TITANIUM UG/L	10	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	4.0	23
VANADIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
ZINC UG/L	130	40	90	19	50	0	90	50	100
ZIRCONIUM UG/L	< 7.0	< 8.0	< .60	< 7.0	< 4.0	< 7.0	< 6.0	< 6.0	< 7.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ERIE COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	425342078535800	BUFFALO(C)-LAKE ERIE

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	10/31/73	11/14/73	11/29/73	12/12/73	12/27/73	01/08/74	01/22/74	02/05/74	02/20/74
ALUMINUM UG/L	120	3200	1000	980	530	1200	70	350	98
ARSENIC UG/L	1	4	1	1	0	0	0	1	1
BARIUM UG/L	35	47	36	36	31	37	30	34	30
BERYLLIUM UG/L	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 2.0	< 1.0
BICARBONATE MG/L	116	116	110	118	113	116	113	119	115
BISMUTH UG/L	< 5.0	< 5.0	< 5.0	< 5.0	< 4.0	< 5.0	< 4.0	< 5.0	< 3.0
BORON UG/L	19	28	25	25	19	22	20	26	21
CADMIUM UG/L	0	2	0	0	0	0	0	0	0
CALCIUM MG/L	36	36	35	37	35	40	38	39	38
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	23	23	23	23	23	23	23	24	23
CHROMIUM UG/L	< 2	8	3	< 2	< 2	< 3	< 2	< 2	< 2
COBALT UG/L	< 4.0	< 5.0	< 4.0	< 3.0	< 3.0	< 4.0	< 4.0	< 5.0	< 4.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	10	12	420	5.0	20	4.0	2.0	3.0	2.0
CYANIDE MG/L	.01	0	.01	.02	0	.01	0	.01	0
DISS SOLIDS SUM MG/L	160	166	164	163	157	164	162	167	161
FLUORIDE MG/L	.20	.30	.30	.50	.20	.30	.10	.30	.20
GALLIUM UG/L	< 2.0	< 3.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0
GERMANIUM UG/L	< 4.0	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 4.0	< 5.0	< 4.0
HARDNESS TOTAL MG/L	125	125	128	128	122	133	131	133	128
HARDNESS NONCARB MG/L	26	30	31	31	30	38	38	35	33
IRON UG/L	180	3200	1300	950	570	1700	15	280	93
LEAD UG/L	< 4.0	7.0	5.0	4.0	< 4.0	< 5.0	< 4.0	< 5.0	< 3.0
LITHIUM UG/L	0	10	0	0	0	0	0	0	0
MAGNESIUM MG/L	8.5	8.6	9.0	8.6	8.5	8.0	8.7	8.6	8.0
MANGANESE UG/L	9.0	95	48	26	16	40	< 3.0	7.0	3.0
MBAS MG/L	0	0	0	.02	.01	0	0	0	.01
MERCURY UG/L	< .50	< .50	< .50	.88	.50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	2.0	< 3.0	2.0	2.0	< 2.0	< 2.0	< 2.0	< 2.0	1.0
NICKEL UG/L	< 4.0	9.0	7.0	5.0	4.0	8.0	< 4.0	< 5.0	< 2.0
NITRATE AS N MG/L	.08	.13	.16	.21	.17	.18	.19	.25	.19
NITRITE AS N MG/L	.01	.00	.01	.01	.00	.00	0	0	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.18	.68	.09	.22	.15	.24	.25	.12	.15
PH UNITS	7.8	7.5	8.0	8.0	7.9	7.8	7.8	7.8	7.9
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.01	.12	.03	.03	.03	.04	.04	.01	.02
POTASSIUM MG/L	1.5	1.7	1.9	1.5	1.3	1.4	1.3	1.5	1.5
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	0	1	1	1	1	1	1	1
SILICA MG/L	.17	.79	.38	.16	.20	.18	.19	.18	.18
SILVER UG/L	< .70	< .80	< .40	< .50	< .40	< .50	< .50	< .50	< .40
SODIUM MG/L	10	12	11	11	10	11	11	10	10
SPECIFIC COND UMHOS	305	314	307	312	306	307	308	320	308
STRONTIUM UG/L	210	170	180	190	170	190	180	190	180
SULFATE MG/L	23	24	24	23	23	23	24	25	23
TIN UG/L	< 4.0	< 5.0	< 5.0	< 5.0	< 4.0	< 5.0	< 4.0	< 5.0	< 4.0
TITANIUM UG/L	4.0	180	75	60	20	50	< 3.0	15	3.0
VANADIUM UG/L	< 2.0	5.0	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 2.0	< 2.0
ZINC UG/L	140	1000	100	190	50	40	60	20	40
ZIRCONIUM UG/L	< 7.0	5.0	8.0	< 5.0	< 5.0	< 5.0	< 6.0	< 7.0	< 6.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ERIE COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	425342078535800	BUFFALO(C)-LAKE ERIE
	B	425342078535801	BUFFALO(C)-LAKE ERIE

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	B	B	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	TREATED	TREATED	TREATED	TREATED
DATE.....	03/05/74	03/20/74	04/03/74	04/16/74	04/30/74	11/18/70	05/16/73	05/29/73	06/13/73
ALUMINUM UG/L	90	420	210	760	260	83	130	230	140
ARSENIC UG/L	1	2	< 1	1	2	0	0	10	0
BARIUM UG/L	26	30	31	33	30	26	21	18	20
BERYLLIUM UG/L	< 1.0	< 1.0	< 2.0	< .90	< .90	< .60	< 2.0	< 2.0	< 2.0
BICARBONATE MG/L	115	112	108	109	107	110	106	104	104
BISMUTH UG/L	< 4.0	< 4.0	< 5.0	< 5.0	< 5.0	< 3.0	< 4.0	< 4.0	< 4.0
BORON UG/L	20	13	16	12	17	17	7.0	12	8.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	38	37	35	37	34	41	44	40	35
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	23	22	24	21	23	28	27	25	26
CHROMIUM UG/L	< 2	< 2	< 2	2	< 2	< 4	< 4	< 2	< 1
COBALT UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0	< 2.0	< 4.0	< 2.0	< 3.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	6.0	6.0	6.0	5.0	3.0	1.0	1.0	< 1.0	2.0
CYANIDE MG/L	0	0	0	0	0	0	.01	0	0
DISS SOLIDS SUM MG/L	162	158	155	153	152	172	176	168	164
FLUORIDE MG/L	.20	.20	.10	.10	.20	1.5	.40	1.0	1.0
GALLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	ND	< 2.0	< 2.0	< 2.0
GERMANIUM UG/L	< 4.0	< 4.0	< 5.0	< 4.0	< 5.0	< 4.0	< 4.0	< 4.0	< 4.0
HARDNESS TOTAL MG/L	129	127	118	124	117	130	143	134	122
HARDNESS NONCARB MG/L	34	36	29	34	30	39	56	49	36
IRON UG/L	64	370	180	1180	360	8.0	44	120	18
LEAD UG/L	< 3.0	< 4.0	< 4.0	< 3.0	< 3.0	< 3.0	< 4.0	< 2.0	< 4.0
LITHIUM UG/L	0	0	0	0	0	5.0	0	0	0
MAGNESIUM MG/L	8.2	8.5	7.4	7.6	7.9	6.6	8.1	8.3	8.3
MANGANESE UG/L	3.0	8.0	8.0	25	11	< 2.0	< 3.0	3.0	< 2.0
MBAS MG/L	.03	0	.02	.02	.01	.01	.07	.04	.03
MERCURY UG/L	.60	< .50	< .50	< .50	< .50	< .50	1.4	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 1.0	< 2.0	< 2.0	< 2.0	1.0	< 2.0	< 2.0	< 1.0
NICKEL UG/L	< 3.0	4.0	< 4.0	4.0	3.0	< 2.0	< 4.0	2.0	< 2.0
NITRATE AS N MG/L	.24	.19	.28	.33	.34	.10	.39	.60	.29
NITRITE AS N MG/L	.01	0	0	.01	.01	0	.01	.00	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	.06	--	--	--
NITROGEN NH4+ORG-N MG/L	.09	.20	.13	.20	.25	--	.15	.18	.17
PH UNITS	7.9	7.9	7.8	7.9	8.0	7.7	7.1	7.7	7.3
PHENOLS UG/L	--	--	--	--	--	0	--	--	--
PHOSPHORUS AS P MG/L	.01	.02	.02	.04	.02	.03	.01	.02	.01
POTASSIUM MG/L	1.4	1.3	1.4	1.4	1.4	1.1	1.2	1.4	1.3
RUBIDIUM UG/L	--	--	--	--	--	< 2.0	--	--	--
SELENIUM UG/L	1	2	0	2	0	0	1	2	1
SILICA MG/L	.10	.10	0	.10	0	.60	.10	.40	.60
SILVER UG/L	< .40	< .40	< .50	< .50	< .50	< .20	< .40	< .40	< .40
SODIUM MG/L	10	9.8	11	9.0	9.3	11	12	12	12
SPECIFIC COND UMHOS	302	284	291	274	286	326	320	317	309
STRONTIUM UG/L	180	180	190	190	200	160	120	120	80
SULFATE MG/L	24	24	23	23	23	28	31	28	28
TIN UG/L	< 4.0	< 4.0	< 5.0	< 5.0	< 5.0	< 4.0	< 4.0	< 4.0	< 4.0
TITANIUM UG/L	25	14	7.0	18	5.0	< 2.0	< 4.0	< 3.0	< 3.0
VANADIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0
ZINC UG/L	50	110	260	150	0	< 250	10	0	0
ZIRCONIUM UG/L	< 7.0	< 4.0	< 8.0	< 7.0	< 7.0	ND	< 9.0	< 9.0	< 6.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ERIE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	425342078535001	BUFFALO(C)-LAKE ERIE

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	06/27/73	07/11/73	07/24/73	08/08/73	08/22/73	09/05/73	09/20/73	10/03/73	10/16/73
ALUMINUM UG/L	220	380	820	490	550	600	230	420	340
ARSENIC UG/L	10	10	0	0	0	0	1	1	< 1
BARIUM UG/L	20	20	23	21	23	26	24	26	28
BERYLLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
BICARBONATE MG/L	105	113	111	107	111	109	108	110	105
BISMUTH UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0	< 4.0	< 4.0	< 4.0
BORON UG/L	10	15	12	8.0	9.0	12	14	16	18
CADMIUM UG/L	< 2	0	0	0	0	0	0	0	0
CALCIUM MG/L	36	39	38	35	38	38	35	35	37
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	27	23	27	24	23	25	25	23	25
CHROMIUM UG/L	> 2	< 2	< 2	< 2	< 2	2	< 2	< 2	< 2
COBALT UG/L	> 3.0	< 2.0	< 2.0	< 2.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	2.0	1.0	40	< 1.0	1.0	4.0	1.0	21	1.0
CYANIDE MG/L	.01	.01	.01	.01	.01	.03	0	0	0
DISS SOLIDS SUM MG/L	164	164	168	159	164	165	163	162	165
FLUORIDE MG/L	.98	1.0	1.2	.98	.98	1.0	1.5	1.1	1.0
GALLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
GERMANIUM UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0	< 4.0	< 4.0	< 4.0
HARDNESS TOTAL MG/L	124	131	128	122	124	126	120	122	134
HARDNESS NONCARB MG/L	43	38	37	34	38	37	32	32	47
IRON UG/L	45	32	45	9.0	17	45	15	20	38
LEAD UG/L	< 2.0	< 4.0	< 3.0	< 3.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
LITHIUM UG/L	2.0	0	0	3.0	0	0	0	0	0
MAGNESIUM MG/L	8.2	8.2	8.1	8.3	8.2	7.6	8.0	8.5	10
MANGANESE UG/L	3.0	2.0	4.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	2.0
MBAS MG/L	.02	0	.02	.01	0	.04	0	.01	.01
MERCURY UG/L	--	20	2.1	.68	< .50	1.6	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 2.0	< 3.0	1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
NICKEL UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 4.0	< 4.0	< 3.0	< 4.0
NITRATE AS N MG/L	.20	.23	.14	.09	.15	.12	.08	.07	.10
NITRITE AS N MG/L	.00	.00	.01	.01	.00	0	.00	.00	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.18	.17	.14	.10	.12	.09	.13	.21	.10
PH UNITS	7.7	8.0	7.8	8.2	7.6	7.7	7.6	7.7	7.7
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.01	.01	.03	.00	.01	.01	.01	.01	.01
POTASSIUM MG/L	1.4	1.3	1.3	1.4	1.5	1.4	1.4	1.4	1.6
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	0	2	0	1	--	2	0	1
SILICA MG/L	.52	.63	.70	.58	.68	.68	.88	.78	.66
SILVER UG/L	< .40	< .40	< .40	< .40	0	0	0	< .60	< .60
SODIUM MG/L	11	11	11	11	11	11	11	11	10
SPECIFIC COND UMHOS	307	307	309	310	305	309	313	307	312
STRONTIUM UG/L	190	110	120	150	160	140	140	190	170
SULFATE MG/L	25	24	26	25	26	27	27	27	28
TIN UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
TITANIUM UG/L	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	24	< 3.0	< 3.0	< 3.0
VANADIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
ZINC UG/L	0	20	50	20	30	10	0	10	50
ZIRCONIUM UG/L	< 6.0	< 6.0	< 6.0	< 7.0	< 7.0	< 7.0	< 6.0	< 6.0	< 6.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ERIE COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	425342078535801	BUFFALO(C)-LAKE ERIE

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	10/31/73	11/14/73	11/29/73	12/12/73	12/27/73	01/08/74	01/22/74	02/05/74	02/20/74
ALUMINUM UG/L	270	380	240	130	170	55	1300	2000	76
ARSENIC UG/L	1	2	< 1	1	1	1	0	< 1	1
BARIUM UG/L	26	26	30	28	25	26	40	34	29
BERYLLIUM UG/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 2.0	< 1.0
BICARBONATE MG/L	110	111	104	113	105	108	105	113	108
BISMUTH UG/L	< 5.0	< 4.0	< 5.0	< 4.0	< 4.0	< 4.0	< 5.0	< 5.0	< 3.0
BORON UG/L	19	16	20	19	16	14	27	30	22
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	36	34	36	37	34	40	38	38	37
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	24	24	25	25	26	24	24	25	25
CHROMIUM UG/L	< 2	< 2	< 2	< 2	< 2	< 2	2	< 2	< 2
COBALT UG/L	< 4.0	< 4.0	< 4.0	< 3.0	< 3.0	< 3.0	< 5.0	5.0	< 4.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	1.0	5.0	10	2.0	2.0	1.0	4.0	60	< 1.0
CYANIDE MG/L	.01	0	.01	.02	0	.01	.01	.01	0
DISS SOLIDS SUM MG/L	164	164	164	169	161	164	163	172	162
FLUORIDE MG/L	1.2	1.0	1.0	1.2	1.0	1.0	1.1	1.2	1.2
GALLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0
GERMANIUM UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0	< 5.0	< 5.0	< 5.0	< 4.0
HARDNESS TOTAL MG/L	125	125	129	128	126	134	131	130	126
HARDNESS NONCARB MG/L	35	34	43	35	40	45	45	38	37
IRON UG/L	10	130	40	43	110	12	1400	1300	12
LEAD UG/L	< 4.0	< 4.0	< 2.0	< 4.0	< 4.0	< 4.0	< 5.0	14	< 3.0
LITHIUM UG/L	0	0	0	10	10	0	0	0	0
MAGNESIUM MG/L	8.5	8.6	9.4	8.6	8.8	8.2	8.7	8.6	8.1
MANGANESE UG/L	< 2.0	3.0	2.0	3.0	< 2.0	< 2.0	40	17	< 3.0
MBAS MG/L	0	.01	0	.02	.02	0	0	0	0
MERCURY UG/L	.50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	2.0	< 2.0	2.0	2.0	< 2.0	< 2.0	< 2.0	< 2.0	1.0
NICKEL UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	5.0	6.0	< 2.0
NITRATE AS N MG/L	.10	.11	.13	.23	.19	.18	.20	.20	.20
NITRITE AS N MG/L	.00	.01	.01	.00	.00	.00	0	0	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.08	.42	0	.09	.21	.10	.11	.09	.11
PH UNITS	7.8	7.5	7.5	7.7	7.4	7.4	7.4	7.3	7.4
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.01	.25	.01	.08	.05	0	0	0	0
POTASSIUM MG/L	1.5	1.5	1.5	1.0	1.3	1.3	1.3	1.5	1.5
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	0	1	1	1	1	1	1	--
SILICA MG/L	.50	.58	.55	.49	.50	.50	.50	.60	.40
SILVER UG/L	< .60	< .70	< .48	< .40	< .40	< .48	< .50	< .50	< .40
SODIUM MG/L	11	12	12	12	10	11	11	11	10
SPECIFIC CUND UMHOS	307	316	314	317	312	312	314	327	313
STRONTIUM UG/L	180	160	190	180	170	160	170	210	190
SULFATE MG/L	27	27	27	27	26	25	27	38	25
TIN UG/L	< 4.0	< 4.0	< 5.0	< 4.0	< 4.0	< 4.0	< 5.0	< 5.0	< 4.0
TITANIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	93	34	< 2.0
VANADIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	2.0	< 2.0
ZINC UG/L	20	150	40	10	40	10	30	140	40
ZIRCONIUM UG/L	< 6.0	< 4.0	< .50	< 4.0	< 5.0	< 5.0	< 7.0	< 7.0	< 6.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ERIE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	425342078535801	BUFFALO(C)-LAKE ERIE
B	423403078283900	CHAFFEE WATERWORKS COMPANY-WELL
C	422946078552800	COLLINS WD #1-WELL
D	423002078355900	COLLINS WD #2-WELL
E	422938078510400	COLLINS WD #3-WELLS

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	B	C	D	E
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED	DISTRBN	DISTRBN	DISTRBN	DISTRBN
DATE.....	03/05/74	03/20/74	04/03/74	04/16/74	04/30/74	10/30/73	09/13/71	09/13/71	10/30/73
ALUMINUM UG/L	70	75	60	110	1300	10	10	10	5.0
ARSENIC UG/L	1	2	< 1	< 1	< 1	0	0	0	< 1
BARIUM UG/L	26	28	27	27	30	140	220	230	95
BERYLLIUM UG/L	< 1.0	< 1.0	< 2.0	< .98	< 1.0	< 2.0	< .88	< .88	< 2.0
BICARBONATE MG/L	106	105	102	100	98	201	238	230	151
BISMUTH UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0	< 6.0	< 5.0	< 5.0	< 6.0
BORON UG/L	14	10	15	13	20	24	11	10	12
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	37	36	35	37	35	58	83	84	55
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	24	24	26	23	24	12	21	22	17
CHROMIUM UG/L	< 2	< 2	< 2	< 2	2	< 3	< 5	< 5	< 3
COBALT UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0	< 5.0	< 4.0	< 4.0	< 5.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	2.0	1.0	2.0	1.0	3.0	3.0	78	4.0	43
CYANIDE MG/L	0	0	0	.01	0	0	0	0	.01
DISS SOLIDS SUM MG/L	161	159	160	156	154	219	311	307	237
FLUORIDE MG/L	1.1	1.0	1.0	1.0	1.1	.20	.10	.10	.20
GALLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 2.0	< 3.0
GERMANIUM UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0	< 5.0	< 8.0	< 8.0	< 5.0
HARDNESS TOTAL MG/L	125	123	119	123	120	198	281	280	195
HARDNESS NONCARB MG/L	37	37	35	41	40	33	86	91	71
IRON UG/L	15	12	10	35	680	55	30	17	500
LEAD UG/L	< 3.0	< 4.0	< 4.0	< 3.0	< 3.0	< 6.0	< 5.0	< 5.0	< 6.0
LITHIUM UG/L	0	0	0	0	0	0	< 10	< 10	0
MAGNESIUM MG/L	8.0	8.0	7.6	7.4	7.9	13	18	17	14
MANGANESE UG/L	< 3.0	< 2.0	< 3.0	< 3.0	15	< 3.0	3.0	< 4.0	70
MBAS MG/L	0	0	.02	.01	.01	0	.08	.08	0
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 4.0	2.0
NICKEL UG/L	< 3.0	< 3.0	< 4.0	< 2.0	4.0	< 6.0	< 4.0	< 4.0	< 6.0
NITRATE AS N MG/L	.25	.19	.26	.35	.33	.01	7.0	7.4	.01
NITRITE AS N MG/L	0	0	0	.01	.01	.01	--	--	.00
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.07	.14	.03	.10	.17	.03	0	0	.01
PH UNITS	7.4	7.3	7.2	7.2	7.4	7.9	7.5	7.9	8.0
PHENOLS UG/L	--	--	--	--	--	--	1.0	1.0	--
PHOSPHORUS AS P MG/L	0	.01	0	.01	.01	.00	0	0	.00
POTASSIUM MG/L	1.5	1.3	1.4	1.4	1.3	2.0	1.0	.00	.00
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	2	0	3	0	0	2	2	0
SILICA MG/L	.49	.50	.50	.50	.50	5.0	9.2	9.4	8.0
SILVER UG/L	< .40	< .40	< .40	< .40	< .50	< 1.0	< .50	< .50	< 1.0
SODIUM MG/L	10	10	11	9.5	9.3	5.0	10	9.6	5.5
SPECIFIC COND UMHOS	303	289	297	281	290	423	562	561	423
STRONTIUM UG/L	180	180	180	180	190	64	130	130	100
SULFATE MG/L	26	26	27	27	26	25	45	44	62
TIN UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0	< 5.0	< 8.0	< 8.0	< 5.0
TITANIUM UG/L	14	< 2.0	< 2.0	< 2.0	7.0	< 3.0	< 5.0	< 5.0	< 3.0
VANADIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 3.0	< 5.0	< 5.0	< 3.0
ZINC UG/L	10	10	30	20	0	70	< 350	< 350	20
ZIRCONIUM UG/L	< 7.0	< 4.0	< 8.0	< 6.0	< 7.0	< 9.0	< 12	< 12	< 9.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ERIE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	422946078494200	CULLINS WD #3-WELLS
B	424644078362701	EAST AURORA(V)-WELL #7
C	424644078362700	EAST AURORA(V)-WELL #7

SYSTEM(S) ON THIS PAGE..	A	B	B	B	B	B	C	C	C
TYPE OF WATER SAMPLED...	DISTRIB	RAW	RAW	RAW	RAW	RAW	TREATED	TREATED	TREATED
DATE.....	09/13/71	09/14/71	06/13/73	09/21/73	12/13/73	03/06/74	09/14/71	06/13/73	09/21/73
ALUMINUM UG/L	< 6.0	27	13	30	75	20	< 17	210	10
ARSENIC UG/L	2	0	0	0	< 1	1	0	0	0
BARIUM UG/L	77	< 36	100	150	110	50	< 36	10	30
BERYLLIUM UG/L	< .60	< 4.0	< 5.0	< 6.0	< 4.0	< 4.0	< 4.0	< 5.0	< 6.0
BICARBONATE MG/L	160	405	320	182	388	379	380	332	284
BISMUTH UG/L	< 4.0	< 17	< 13	< 17	< 17	< 16	< 17	< 14	< 17
BORON UG/L	5.0	17	13	21	30	20	9.0	18	19
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	60	200	134	92	100	175	19	49	35
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	13	55	70	150	110	88	76	90	150
CHROMIUM UG/L	< 4	< 17	< 6	< 8	< 8	< 8	< 17	< 7	< 8
COBALT UG/L	< 3.0	< 2.0	< 6.0	< 15	< 12	< 8.0	< 2.0	< 7.0	< 15
COLIFORM CUL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	9.0	< 4.0	< 3.0	< 4.0	< 4.0	4.0	19	8.0	20
CYANIDE MG/L	0	0	.01	0	.01	.01	0	.01	0
DISS SOLIDS SUM MG/L	248	840	587	677	738	774	853	681	803
FLUORIDE MG/L	.10	.80	.20	.20	.30	.10	.20	.70	.70
GALLIUM UG/L	< 2.0	< 4.0	< 6.0	< 8.0	< 6.0	< 4.0	< 4.0	< 7.0	< 8.0
GERMANIUM UG/L	< 6.0	< 17	< 13	< 17	< 17	< 11	< 17	< 14	< 17
HARDNESS TOTAL MG/L	212	681	433	361	386	585	73	180	178
HARDNESS NONCARB MG/L	74	348	171	212	67	274	0	0	0
IRON UG/L	320	3100	2300	3700	3000	3600	130	330	580
LEAD UG/L	< 4.0	680	< 9.0	< 15	< 17	< 8.0	< 17	< 9.0	< 15
LITHIUM UG/L	< 10	10	0	10	< 10	10	< 10	0	10
MAGNESIUM MG/L	15	44	24	32	33	36	6.1	14	22
MANGANESE UG/L	70	180	120	150	150	160	< 8.0	23	25
MBAS MG/L	.13	.02	.05	.02	.02	.03	.03	.06	.05
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 3.0	< 8.0	< 6.0	< 8.0	< 4.0	< 4.0	< 8.0	< 7.0	< 8.0
NICKEL UG/L	< 3.0	< 17	< 11	< 15	< 17	< 8.0	< 17	< 12	< 15
NITRATE AS N MG/L	0	0	.05	.02	.01	.02	0	.01	.01
NITRITE AS N MG/L	--	--	.01	.01	.00	.01	--	.01	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.04	.17	.45	.38	.28	.04	.15	.26	.27
PH UNITS	7.8	7.2	7.4	7.4	7.5	7.0	7.5	7.5	6.6
PHENOLS UG/L	1.0	1.0	--	--	--	--	1.0	--	--
PHOSPHORUS AS P MG/L	0	0	.01	.00	.01	.02	.01	.01	.01
POTASSIUM MG/L	.80	2.0	1.8	2.7	2.7	2.1	3.4	1.4	2.5
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	3	0	1	1	0	2	1
SILICA MG/L	9.0	11	13	13	11	11	11	13	13
SILVER UG/L	< .40	< 2.0	< 2.0	< 3.0	< 2.0	< 2.0	< 2.0	< 3.0	< 3.0
SODIUM MG/L	4.4	28	47	98	80	45	280	190	230
SPECIFIC COND UMHOS	413	1240	964	1360	1310	1210	1370	1120	1430
STRONTIUM UG/L	90	220	170	190	220	200	92	73	60
SULFATE MG/L	63	300	140	200	210	230	270	160	210
TIN UG/L	< 6.0	74	< 1.3	< 15	< 17	< 16	< 17	< 14	< 15
TITANIUM UG/L	< 4.0	< 8.0	< 9.0	< 12	< 8.0	< 8.0	< 8.0	< 9.0	< 12
VANADIUM UG/L	< 4.0	< 8.0	< 7.0	< 8.0	< 8.0	< 8.0	< 8.0	< 7.0	< 8.0
ZINC UG/L	< 250	< 1700	0	20	70	20	< 1700	0	30
ZIRCONIUM UG/L	< 10	< 37	< 25	< 25	< 17	< 16	< 36	< 25	< 25

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ERIE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	424644087036700	EAST AURORA(V)-WELL #7
B	424123079020000	ERIE COUNTY WA STURGEON PT PLANT-LAKE ERIE

SYSTEM(S) ON THIS PAGE..	A	A	B	B	B	B	B	B	B
TYPE OF WATER SAMPLED...	TREATED	TREATED	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	12/13/73	03/06/74	07/12/71	10/18/71	01/17/72	04/10/72	07/11/72	10/17/72	01/09/73
ALUMINUM UG/L	< 10	50	110	90	12000	240	310	3500	4400
ARSENIC UG/L	< 1	1	4	0	2	2	0	2	0
BARIUM UG/L	15	7.0	26	31	300	31	30	46	62
BERYLLIUM UG/L	< 4.0	< 4.0	< .40	< .40	< 1.0	< .50	< 2.0	< 2.0	< 2.0
BICARBONATE MG/L	390	383	116	107	117	104	114	110	110
BISMUTH UG/L	< 10	< 17	< 5.0	< 3.0	< 11	< 4.0	< 4.0	< 10	< 5.0
BORON UG/L	20	34	12	21	120	10	23	23	30
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	21	25	40	36	40	38	38	40	40
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	120	98	26	24	26	24	24	23	24
CHROMIUM UG/L	< 4	< 8	< 5	< 2	210	< 4	< 4	11	4
COBALT UG/L	15	14	< 2.0	< 3.0	20	< 4.0	< 4.0	4.0	< 5.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	15	22	40	44	310	42	45	22	10
CYANIDE MG/L	.02	.01	0	0	0	0	0	0	.01
DISS SOLIDS SUM MG/L	884	842	168	158	178	161	164	164	169
FLUORIDE MG/L	.80	.70	.20	.10	.20	.10	.10	.10	.10
GALLIUM UG/L	< 9.0	< 6.0	< 3.0	< .40	10	< 2.0	< 4.0	< 5.0	< 3.0
GERMANIUM UG/L	< 10	< 25	< 6.0	< 4.0	< 24	< 4.0	< 9.0	< 10	< 5.0
HARDNESS TOTAL MG/L	80	95	130	122	134	125	129	133	133
HARDNESS NONCARB MG/L	0	0	35	35	34	40	35	38	41
IRON UG/L	200	250	130	85	10000	290	340	2600	3700
LEAD UG/L	< 10	< 17	4.0	< 2.0	21	< 2.0	< 4.0	4.0	5.0
LITHIUM UG/L	10	10	4.0	< 10	10	< 10	--	< 10	< 10
MAGNESIUM MG/L	6.8	8.0	7.4	7.4	8.3	7.4	8.2	8.1	8.0
MANGANESE UG/L	10	10	28	7.0	540	7.0	15	84	43
MBAS MG/L	.02	0	.01	.02	.02	.02	.02	.01	.01
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 4.0	< 4.0	1.0	1.1	< 7.0	3.0	< 2.0	1.0	< 3.0
NICKEL UG/L	< 10	< 15	3.0	4.0	74	< 4.0	4.0	11	10
NITRATE AS N MG/L	.01	.03	.17	0	.20	.30	.20	.07	.30
NITRITE AS N MG/L	.01	.02	.01	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	.07	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.16	.11	.32	.14	.50	.28	.42	.39	.34
PH UNITS	8.2	7.1	7.4	7.1	7.0	7.0	8.1	8.2	7.9
PHENOLS UG/L	--	--	1.0	--	2.0	2.0	--	--	--
PHOSPHORUS AS P MG/L	.01	0	.02	.02	.07	.02	.03	.05	.09
POTASSIUM MG/L	1.4	1.4	1.4	1.4	1.4	1.4	1.2	1.3	1.3
RUBIDIUM UG/L	--	--	1.0	--	--	--	--	--	--
SELENIUM UG/L	1	1	3	0	4	0	2	1	0
SILICA MG/L	12	11	.40	.20	.20	.70	.30	.30	.50
SILVER UG/L	< 2.0	< 2.0	< .30	< .10	< 3.0	< .08	< .10	< 1.0	< .50
SODIUM MG/L	300	270	12	12	11	11	11	12	11
SPECIFIC COND UMHOS	1450	1410	314	308	317	301	310	310	307
STRONTIUM UG/L	22	33	150	140	200	150	170	150	150
SULFATE MG/L	210	240	23	24	29	27	25	27	30
TIN UG/L	< 18	< 17	< 6.0	< 4.0	< 24	< 4.0	< 19	< 10	< 5.0
TITANIUM UG/L	< 9.0	< 8.0	5.0	< 4.0	1400	9.0	14	270	240
VANADIUM UG/L	< 9.0	< 8.0	< 2.0	< 4.0	60	< 4.0	< 4.0	7.0	8.0
ZINC UG/L	30	30	< 250	< 180	< 1300	< 140	< 480	< 300	20
ZIRCONIUM UG/L	< 20	< 25	< 9.0	< 9.0	41	< 9.0	< 9.0	< 10	< 5.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ERIE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	424123079020800	ERIE COUNTY WA STURGEON PT PLANT-LAKE ERIE
B	424123079020801	ERIE COUNTY WA STURGEON PT PLANT-LAKE ERIE

SYSTEM(S) ON THIS PAGE..	A	B	B	B	B	B	B	B	B
TYPE OF WATER SAMPLED...	RAW	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	04/17/73	07/12/71	10/18/71	01/17/72	04/18/72	07/11/72	10/17/72	01/09/73	04/17/73
ALUMINUM UG/L	1000	77	150	42	45	120	160	35	46
ARSENIC UG/L	0	0	0	2	1	0	0	0	0
BARIUM UG/L	31	22	31	29	24	26	28	24	24
BERYLLIUM UG/L	< 2.0	< .90	< .70	< .90	< .80	< 2.0	< 2.0	< 2.0	< 2.0
BICARBONATE MG/L	112	110	115	107	106	107	110	102	107
BISMUTH UG/L	< 4.0	< 4.0	< 3.0	< 5.0	< 4.0	< 4.0	< 9.0	< 4.0	< 4.0
BORON UG/L	17	10	20	19	14	27	13	15	10
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	40	40	37	40	39	38	40	40	40
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	21	28	26	29	24	26	26	25	26
CHROMIUM UG/L	< 4	< 4	< 2	< 5	< 4	< 4	< 9	< 4	< 4
COBALT UG/L	< 4.0	< 2.0	< 3.0	< 5.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	29	11	4.0	9.0	5.0	5.0	14	2.0	3.0
CYANIDE MG/L	.02	0	0	0	0	0	0	0	.01
DISS SOLIDS SUM MG/L	185	179	178	185	177	174	177	178	178
FLUORIDE MG/L	.30	1.4	1.2	1.2	1.2	1.0	1.0	1.0	1.2
GALLIUM UG/L	< 2.0	< 3.0	< 1.0	< 3.0	< 2.0	< 4.0	< 4.0	< 2.0	< 2.0
GERMANIUM UG/L	< 6.0	< 6.0	< 5.0	< 10	< 4.0	< 9.0	< 9.0	< 4.0	< 6.0
HARDNESS TOTAL MG/L	132	130	124	134	128	128	133	133	132
HARDNESS NONCARB MG/L	48	48	30	46	41	48	43	50	44
IRON UG/L	920	26	11	14	8.0	30	43	8.0	8.0
LEAD UG/L	< 4.0	< 3.0	< 2.0	< 5.0	< 2.0	< 4.0	< 9.0	< 4.0	< 4.0
LITHIUM UG/L	--	3.0	< 10	< 10	< 10	--	< 10	< 10	--
MAGNESIUM MG/L	7.7	7.4	7.7	8.3	7.5	8.1	8.1	8.1	7.7
MANGANESE UG/L	18	< 4.0	< 2.0	< 3.0	< 4.0	< 4.0	18	< 3.0	< 2.0
MBAS MG/L	.01	.01	.02	.03	.03	.01	.01	0	.01
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	--
MOLYBDENUM UG/L	1.0	1.0	1.0	< 3.0	1.0	< 2.0	1.0	< 2.0	1.0
NICKEL UG/L	8.0	< 2.0	3.0	< 5.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
NITRATE AS N MG/L	.30	.10	0	.20	.30	.03	.05	.20	.20
NITRITE AS N MG/L	--	0	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	.04	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.32	.14	.14	.16	.08	.20	.15	.11	.23
PH UNITS	8.1	7.7	8.2	7.7	7.5	7.9	8.0	7.6	7.9
PHENOLS UG/L	--	1.0	0	--	0	--	--	--	--
PHOSPHORUS AS P MG/L	.02	.01	.01	.01	.01	.01	.01	.01	.08
POTASSIUM MG/L	1.2	1.7	1.4	1.5	1.4	1.2	1.3	1.2	1.3
RUBIDIUM UG/L	--	1.0	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	0	0	1	2	0	0	2
SILICA MG/L	.40	.90	.70	.80	1.2	.70	.70	1.0	.80
SILVER UG/L	< .40	< .30	< .30	< .90	< .90	< .30	< .90	< .40	< .40
SODIUM MG/L	12	15	16	16	16	14	14	14	16
SPECIFIC CND UMHOS	307	331	331	305	324	326	322	323	328
STRONTIUM UG/L	150	140	220	140	140	170	150	150	140
SULFATE MG/L	27	30	31	35	32	32	32	37	32
TIN UG/L	< 4.0	< 6.0	< 5.0	< 10	< 4.0	< 19	< 9.0	< 4.0	< 4.0
TITANIUM UG/L	34	< 3.0	< 5.0	< 3.0	< 2.0	< 2.0	2.0	< 4.0	< 2.0
VANADIUM UG/L	< 4.0	< 2.0	< 5.0	< 3.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
ZINC UG/L	10	< 240	< 200	< 440	< 170	< 400	< 270	< 260	--
ZIRCONIUM UG/L	< 3.0	< 9.0	< 10	< 10	< 4.0	< 9.0	< 9.0	< 4.0	< 3.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ERIE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	424759078505e00	ERIE COUNTY WA WOODLAWN PLANT-LAKE ERIE
B	424759078505801	ERIE COUNTY WA WOODLAWN PLANT-LAKE ERIE

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	B	B	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	TREATED	TREATED	TREATED	TREATED
DATE.....	11/18/70	06/13/73	09/20/73	12/13/73	03/05/74	11/18/70	06/13/73	09/20/73	12/13/73
ALUMINUM UG/L	21	380	1400	1500	1600	67	120	200	80
ARSENIC UG/L	0	0	0	1	1	0	0	0	< 1
BARIUM UG/L	26	23	30	33	27	26	22	24	27
BERYLLIUM UG/L	< .60	< 1.0	< 2.0	< 1.0	< 1.0	< .60	< 2.0	< 2.0	< 1.0
BICARBONATE MG/L	114	114	111	110	99	104	109	109	111
BISMUTH UG/L	< 3.0	< 4.0	< 5.0	< 5.0	< 4.0	< 3.0	< 4.0	< 5.0	< 5.0
BORON UG/L	18	9.0	16	28	35	19	13	13	22
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	40	38	35	37	36	40	39	36	36
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	26	24	25	24	25	28	28	27	25
CHROMIUM UG/L	< 4	< 2	3	< 2	2	< 4	< 2	< 3	< 2
COBALT UG/L	< 2.0	< 2.0	< 4.0	< 3.0	< 4.0	< 2.0	< 2.0	< 4.0	< 3.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	.90	41	2.0	2.0	2.0	3.0	8.0	4.0	3.0
CYANIDE MG/L	0	.01	0	.02	0	0	0	0	0
DISS SOLIDS SUM MG/L	167	163	169	166	162	175	173	173	176
FLUORIDE MG/L	.30	.20	.30	.40	.20	1.0	1.3	1.7	1.3
GALLIUM UG/L	ND	< 2.0	< 2.0	< 2.0	< 2.0	ND	< 2.0	< 2.0	< 2.0
GERMANIUM UG/L	< 4.0	< 4.0	< 5.0	< 5.0	< 4.0	< 5.0	< 4.0	< 5.0	< 5.0
HARDNESS TOTAL MG/L	126	128	124	127	123	127	131	122	135
HARDNESS NONCARB MG/L	32	35	33	37	42	41	41	32	44
IRON UG/L	13	93	800	700	230	8.0	15	3.0	7.0
LEAD UG/L	< 3.0	< 3.0	< 4.0	< 5.0	< 3.0	< 3.0	< 2.0	< 4.0	< 5.0
LITHIUM UG/L	2.0	0	0	0	0	3.0	0	0	0
MAGNESIUM MG/L	6.3	6.1	9.0	8.4	6.0	6.5	8.1	7.7	11
MANGANESE UG/L	< 2.0	< 5.0	30	23	7.0	< 2.0	< 2.0	< 3.0	< 2.0
MBAS MG/L	.02	.03	.02	.02	.02	.02	.03	.01	.01
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	1.0	< 2.0	< 2.0	< 2.0	< 2.0	1.0	< 2.0	< 2.0	< 2.0
NICKEL UG/L	< 2.0	4.0	4.0	4.0	3.0	2.0	< 2.0	< 4.0	< 4.0
NITRATE AS N MG/L	.10	.39	.09	.20	.30	.10	.30	.10	.10
NITRITE AS N MG/L	0	.01	.01	.01	.02	0	0	.00	.01
NITROGEN NH4 AS N MG/L	.03	--	--	--	--	.01	--	--	--
NITROGEN NH4+ORG-N MG/L	--	.17	.15	.19	.04	--	.11	.14	.16
PH UNITS	8.1	7.9	7.7	7.8	7.3	7.9	7.8	7.9	8.0
PHENOLS UG/L	0	--	--	--	--	10	--	--	--
PHOSPHORUS AS P MG/L	.03	.02	.09	.03	.02	.04	.00	.00	.01
POTASSIUM MG/L	1.2	1.3	1.9	1.7	1.5	1.2	1.2	1.9	1.8
RUBIDIUM UG/L	< 2.0	--	--	--	--	< 2.0	--	--	--
SELENIUM UG/L	4	0	2	1	1	2	0	2	2
SILICA MG/L	.20	.22	.50	.46	.30	.90	.79	1.0	1.0
SILVER UG/L	< .20	< .50	0	< .50	< .40	< .20	< .60	0	< .50
SODIUM MG/L	11	10	11	12	11	14	13	14	16
SPECIFIC COND UMHOS	318	308	320	312	294	337	315	330	327
STRONTIUM UG/L	160	120	170	160	170	170	150	170	170
SULFATE MG/L	26	25	32	28	31	31	28	30	29
TIN UG/L	< 4.0	< 4.0	< 4.0	< 5.0	< 4.0	< 5.0	< 4.0	< 4.0	< 5.0
TITANIUM UG/L	< 2.0	< 3.0	14	38	11	< 2.0	< 3.0	< 3.0	< 2.0
VANADIUM UG/L	< 2.0	< 2.0	2.0	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
ZINC UG/L	< 240	10	0	30	30	< 250	0	10	10
ZIRCONIUM UG/L	ND	< 8.0	< 7.0	< 5.0	< 7.0	ND	< 8.0	< 7.0	< 5.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ERIE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	424759078585801	ERIE COUNTY WA WOODLAWN PLANT-LAKE ERIE
B	425N19078564100	GRAND ISLAND WD #1-NIAGARA RIVER
C	425814078580100	GRAND ISLAND WD #2-NIAGARA RIVER(WEST BRANCH)

SYSTEM(S) ON THIS PAGE..	A	B	C	C	C	C	C	C	C
TYPE OF WATER SAMPLED...	TREATED	DISTRBN	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	03/05/74	05/31/72	11/17/70	07/13/71	10/19/71	01/18/72	04/11/72	05/17/72	05/31/72
ALUMINUM UG/L	150	120	13	400	86	1800	45	86	75
ARSENIC UG/L	1	0	0	13	1	1	2	2	2
BARIUM UG/L	26	22	29	29	31	44	25	24	23
BERYLLIUM UG/L	< 1.0	< 2.0	< .60	< .40	< .60	< 2.0	< 2.0	< 2.0	< 2.0
BICARBONATE MG/L	106	98	118	111	118	119	116	103	110
BISMUTH UG/L	< 5.0	< 4.0	< 3.0	< 4.0	< 3.0	< 5.0	< 4.0	< 3.0	< 4.0
BORON UG/L	23	7.0	19	14	25	32	15	17	10
CADMIUM UG/L	0	0	0	1	0	0	0	0	0
CALCIUM MG/L	38	40	39	38	40	41	39	36	38
CARBONATE MG/L	0	0	0	2	0	0	0	0	0
CHLORIDE MG/L	27	23	26	24	23	26	24	24	23
CHROMIUM UG/L	< 2	< 4	< 4	< 4	< 2	8	< 4	< 4	< 4
COBALT UG/L	< 5.0	< 4.0	< 2.0	< .40	< 3.0	< 5.0	< 4.0	< 4.0	< 4.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	110	750
COPPER UG/L	5.0	4.0	8.0	40	4.0	19	3.0	2.0	3.0
CYANIDE MG/L	0	0	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	180	158	167	166	165	177	167	154	160
FLUORIDE MG/L	1.7	1.2	.20	.10	.10	.20	.20	.20	.10
GALLIUM UG/L	< 2.0	< 2.0	NC	< .40	< .40	< 3.0	< 2.0	< 2.0	< 2.0
GERMANIUM UG/L	< 5.0	< 6.0	< 4.0	< 4.0	< 4.0	< 11	< 6.0	< 6.0	< 6.0
HARDNESS TOTAL MG/L	127	131	123	126	126	136	129	117	123
HARDNESS NONCARB MG/L	38	50	27	32	29	39	34	33	33
IRON UG/L	110	54	9.0	470	130	2000	52	100	85
LEAD UG/L	< 3.0	< 4.0	< 3.0	5.0	< 2.0	7.0	< 6.0	< 4.0	< 4.0
LITHIUM UG/L	0	< 10	2.0	2.0	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	7.7	7.5	6.3	7.0	6.4	8.2	7.8	6.7	6.8
MANGANESE UG/L	12	5.0	< 2.0	36	16	73	2.0	5.0	5.0
MBAS MG/L	0	0	.02	.03	.02	.01	.01	.01	.01
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	2.0	1.0	.40	1.0	< 3.0	< 2.0	1.0	2.0
NICKEL UG/L	< 3.0	< 4.0	< 2.0	16	< 3.0	17	< 4.0	< 4.0	4.0
NITRATE AS N MG/L	.30	.09	.10	.10	0	.20	.10	.20	.20
NITRITE AS N MG/L	0	--	0	.01	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	.01	.10	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.03	.21	--	.15	.26	.45	.29	.90	.38
PH UNITS	8.0	7.9	8.1	8.4	8.2	8.1	7.8	7.8	8.1
PHENOLS UG/L	--	--	0	1.0	--	5.0	0	--	--
PHOSPHORUS AS P MG/L	.01	.01	.04	.01	.02	.04	.01	.02	.01
POTASSIUM MG/L	1.7	1.3	1.1	1.4	1.4	1.2	1.3	1.1	1.3
RUBIDIUM UG/L	--	--	< 2.0	2.0	--	--	--	--	--
SELENIUM UG/L	1	0	5	3	0	4	0	0	1
SILICA MG/L	1.0	.60	.20	.10	.20	.20	.10	.10	0
SILVER UG/L	< .50	< .30	< .20	< .40	< .30	< 2.0	< .40	< .20	< .30
SODIUM MG/L	17	10	11	12	12	12	11	11	11
SPECIFIC COND UMHOS	328	309	320	306	304	314	313	296	307
STRONTIUM UG/L	190	140	180	140	200	200	200	130	150
SULFATE MG/L	32	26	25	26	24	29	26	24	25
TIN UG/L	< 5.0	< 4.0	< 4.0	< 4.0	< 4.0	< 11	< 4.0	< 4.0	< 4.0
TITANIUM UG/L	< 2.0	3.0	< 2.0	38	5.0	120	< 4.0	3.0	7.0
VANADIUM UG/L	< 2.0	< 4.0	< 2.0	< 2.0	< 4.0	4.0	< 3.0	< 4.0	< 4.0
ZINC UG/L	0	< 250	< 250	< 190	< 190	< 500	< 200	< 160	< 250
ZIRCONIUM UG/L	< 7.0	< 8.0	ND	< 4.0	< 9.0	< 11	< 28	< 6.0	< 8.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ERIE COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	425814078580100	GRAND ISLAND WD #2-NIAGARA RIVER(WEST BRANCH)

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	06/14/72	07/12/72	07/26/72	08/09/72	08/23/72	09/06/72	09/20/72	10/04/72	10/18/72
ALUMINUM UG/L	80	200	160	200	80	95	130	56	550
ARSENIC UG/L	0	0	0	2	0	2	4	1	0
BARIUM UG/L	27	26	24	25	27	24	25	24	34
BERYLLIUM UG/L	< 2.0	< 2.0	< .80	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
BICARBONATE MG/L	116	113	110	113	114	116	114	117	118
BISMUTH UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
BORON UG/L	23	24	8.0	13	19	10	13	14	15
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	36	38	38	39	39	41	41	46	41
CARBONATE MG/L	0	0	0	0	1	0	0	0	0
CHLORIDE MG/L	23	24	23	27	24	21	24	26	25
CHROMIUM UG/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 8	< 9
COBALT UG/L	< 4.0	< 4.0	23	< 2.0	< 1.0	< 4.0	< 4.0	< 8.0	< 9.0
COLIFORM COL/100 ML	120	450	50	470	120	E 150	--	470	57
COPPER UG/L	< 2.0	4.0	3.0	7.0	2.0	3.0	3.0	2.0	3.0
CYANIDE MG/L	0	.01	0	0	0	0	.01	0	.01
DISS SOLIDS SUM MG/L	163	162	163	167	166	164	167	177	169
FLUORIDE MG/L	.10	.20	.20	.20	.10	.10	.10	.10	.10
GALLIUM UG/L	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 4.0
GERMANIUM UG/L	< 6.0	< 8.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 8.0	< 9.0
HARDNESS TOTAL MG/L	127	127	128	130	131	133	134	147	134
HARDNESS NONCARB MG/L	31	34	38	38	36	38	40	>1	37
IRON UG/L	120	260	190	200	66	110	200	76	630
LEAD UG/L	< 4.0	< 4.0	< 4.0	< 3.0	< 4.0	< 3.0	3.0	< 4.0	< 4.0
LITHIUM UG/L	< 10	--	< 10	< 10	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	7.7	7.7	8.0	8.0	8.2	7.4	7.6	7.8	7.7
MANGANESE UG/L	8.0	13	14	16	8.0	10	17	11	28
MBAS MG/L	.02	.02	.02	.01	.02	.01	.04	.02	.01
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	2.0	< 2.0	< 2.0	< .80	< .90
NICKEL UG/L	< 4.0	4.0	4.0	6.0	< 4.0	< 3.0	< 4.0	< 2.0	6.0
NITRATE AS N MG/L	.06	.20	.30	.10	.04	.01	.05	.02	.09
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.25	.36	.31	.29	.34	.29	.23	.32	.33
PH UNITS	8.1	8.1	8.1	8.3	8.4	8.3	8.0	8.1	8.1
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.01	.02	.03	.02	.01	.01	.01	.01	.04
POTASSIUM MG/L	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.3
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	3	0	2	3	0	3	1	2
SILICA MG/L	.10	.10	.20	.20	.20	.20	.30	.30	.20
SILVER UG/L	< .30	< .30	< .40	< .40	< .40	< .30	< .40	< .80	< .90
SODIUM MG/L	11	10	11	11	11	11	11	11	11
SPECIFIC CNDU UMHOS	308	309	306	305	309	311	307	308	309
STRONTIUM UG/L	270	160	160	140	160	140	120	140	140
SULFATE MG/L	25	25	27	25	25	25	26	27	25
TIN UG/L	< 4.0	< 17	< 4.0	< 3.0	< 4.0	< 4.0	< 4.0	< 8.0	< 9.0
TITANIUM UG/L	10	9.0	10	9.0	< 4.0	4.0	8.0	< 2.0	30
VANADIUM UG/L	< 4.0	< 4.0	< 3.0	< 2.0	< 1.0	< 3.0	< 3.0	< 8.0	< 9.0
ZINC UG/L	< 280	< 170	< 260	< 280	< 250	< 260	< 250	< 170	< 180
ZIRCONIUM UG/L	< 4.0	< 8.0	< 8.0	< 4.0	< 6.0	< 6.0	< 8.0	< 8.0	< 9.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ERIE COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	425814078560100	GRAND ISLAND WD #2-NIAGARA RIVER(WEST BRANCH)

SYSTEM(S) ON THIS PAGE...	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	11/01/72	11/15/72	11/29/72	12/13/72	12/27/72	01/10/73	01/24/73	02/07/73	02/21/73
ALUMINUM UG/L	170	230	2000	1200	1200	4800	4900	550	340
ARSENIC UG/L	0	0	0	0	0	10	0	0	0
BARIUM UG/L	26	29	39	33	29	46	60	30	28
BERYLLIUM UG/L	< 2.0	< 2.0	< 2.0	< .90	< .90	< 1.0	< 2.0	< 2.0	< 2.0
BICARBONATE MG/L	119	119	118	111	115	114	114	115	119
BISMUTH UG/L	< 4.0	< 4.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 4.0	< 4.0
BORON UG/L	21	18	20	18	15	26	44	14	19
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	41	40	40	37	41	41	40	40	41
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	23	23	23	24	24	23	23	23	23
CHROMIUM UG/L	< 4	< 4	8	< 5	< 5	7	11	< 4	< 4
COBALT UG/L	< 4.0	830	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 4.0	< 4.0
COLIFORM COL/100 ML	41	120	150	240	K 4	31	K 50	64	--
COPPER UG/L	4.0	4.0	7.0	4.0	14	15	8.0	2.0	5.0
CYANIDE MG/L	0	0	0	.01	0	0	.01	0	0
DISS SOLIDS SUM MG/L	167	166	168	161	164	167	168	167	172
FLUORIDE MG/L	.20	.10	.10	.10	.10	.10	.10	.20	.10
GALLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 2.0
GERMANIUM UG/L	< 4.0	< 4.0	< 5.0	< 7.0	< 5.0	< 5.0	< 5.0	< 4.0	< 4.0
HARDNESS TOTAL MG/L	135	132	133	126	135	136	134	132	136
HARDNESS NONCA+Mg MG/L	37	35	36	35	41	43	41	38	39
IRON UG/L	180	250	2001	1500	1000	3500	4900	510	240
LEAD UG/L	< 4.0	< 4.0	6.0	4.0	4.0	5.0	8.0	< 4.0	< 4.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	7.9	7.9	8.1	8.1	8.0	8.2	8.3	7.9	8.2
MANGANESE UG/L	10	12	60	36	26	56	72	14	7.0
MBAS MG/L	.02	.01	.01	.01	0	.01	.01	.01	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	3.0	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< .90	< 1.0	< 3.0	< 2.0	< 2.0
NICKEL UG/L	< 4.0	8.0	12	9.0	4.0	15	15	< .60	< 4.0
NITRATE AS N MG/L	.09	.08	.10	.20	.20	.20	.30	.20	.20
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.26	.26	.40	.31	.21	.44	.28	.14	.30
PH UNITS	8.1	8.1	8.0	8.0	8.0	7.9	7.5	8.0	8.1
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.02	.02	.07	.05	.03	.15	.12	.03	.02
POTASSIUM MG/L	1.1	1.3	1.4	1.2	1.2	1.2	1.4	1.3	1.3
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	2	4	0	0	3	3	0	0	1
SILICA MG/L	< .10	0	.10	.20	.20	.40	.50	.30	.20
SILVER UG/L	< .40	< .40	< .50	< .50	< .50	< .50	< .50	< .40	< .40
SODIUM MG/L	11	11	11	11	11	11	12	11	11
SPECIFIC COND UMHOS	306	309	310	313	317	309	309	310	310
STRONTIUM UG/L	170	170	160	160	160	170	140	160	140
SULFATE MG/L	24	24	26	25	26	26	26	27	28
TIN UG/L	< 4.0	< 4.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 4.0	< 4.0
TITANIUM UG/L	11	12	130	62	44	240	250	24	16
VANADIUM UG/L	< 4.0	< 2.0	5.0	< 3.0	< 3.0	< 5.0	9.0	< 4.0	< 4.0
ZINC UG/L	10	20	30	20	10	30	30	0	0
ZIRCONIUM UG/L	< 9.0	< 6.0	< 7.0	< 5.0	< 5.0	7.0	14	< 9.0	< 9.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ERIE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	425814078580100	GRAND ISLAND WD #2-NIAGARA RIVER(WEST BRANCH)
B	425814078580101	GRAND ISLAND WD #2-NIAGARA RIVER(WEST BRANCH)

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	B	B	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	TREATED	TREATED	TREATED	TREATED
DATE.....	03/07/73	03/21/73	04/04/73	04/18/73	05/03/73	11/17/70	07/13/71	10/19/71	01/18/72
ALUMINUM UG/L	150	670	590	250	540	48	150	110	110
ARSENIC UG/L	0	0	0	0	0	0	0	0	0
BARIUM UG/L	25	28	29	22	28	27	24	31	29
BERYLLIUM UG/L	< 2.0	< 1.0	< 2.0	< 1.0	< 2.0	< .60	< .60	< .60	< .90
BICARBONATE MG/L	114	112	112	108	114	98	108	92	112
BISMUTH UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0	< 3.0	< 4.0	< 3.0	< 5.0
BORON UG/L	14	21	16	11	15	20	10	25	19
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	40	41	40	41	39	40	41	36	40
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	21	23	24	25	25	28	27	27	27
CHROMIUM UG/L	< 4	< 4	< 4	< 3	< 5	< 4	< 4	< 2	< 5
COBALT UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0	< 2.0	< 2.0	< 3.0	< 5.0
COLIFORM COL/100 ML	K 6	K 4	K 80	--	K 19	--	--	--	--
COPPER UG/L	3.0	4.0	3.0	10	19	2.0	2.0	1.0	3.0
CYANIDE MG/L	0	0	.01	0	.01	0	.01	0	0
DISS SOLIDS SUM MG/L	106	165	165	161	166	165	170	157	175
FLUORIDE MG/L	.10	.10	.30	.10	.20	.90	1.3	1.0	1.4
GALLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	ND	< 3.0	< .90	< 2.0
GERMANIUM UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0	< 4.0	< 6.0	< 4.0	< 10
HARDNESS TOTAL MG/L	134	134	132	114	131	126	134	122	134
HARDNESS NONCARB MG/L	40	43	40	25	37	46	45	47	42
IRON UG/L	190	570	540	390	700	18	29	19	37
LEAD UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0	< 3.0	< 3.0	< 2.0	< 5.0
LITHIUM UG/L	< 10	< 10	--	--	--	4.0	2.0	< 10	< 10
MAGNESIUM MG/L	8.2	7.8	7.8	2.4	8.1	8.4	7.6	7.8	8.3
MANGANESE UG/L	7.0	13	11	14	29	< 2.0	< 4.0	3.0	< 2.0
MBAS MG/L	.01	.01	.01	.03	0	.01	.04	.02	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 2.0	< 2.0	1.0	< 2.0	1.0	4.0	1.0	< 2.0
NICKEL UG/L	4.0	5.0	4.0	5.0	5.0	< 2.0	< 2.0	< 3.0	< 5.0
NITRATE AS N MG/L	.10	.20	.30	.20	.20	.10	0	0	.20
NITRITE AS N MG/L	--	--	--	--	--	0	.01	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	.01	.15	--	--
NITROGEN NH4+ORG-N MG/L	.18	.23	.60	.27	.21	--	.14	.26	.22
PH UNITS	7.8	8.0	7.8	8.0	7.8	7.8	7.8	8.4	7.6
PHENOLS UG/L	--	--	--	--	--	0	0	0	0
PHOSPHORUS AS P MG/L	.02	.03	.02	.02	.02	.03	.02	.02	.01
POTASSIUM MG/L	1.2	1.3	1.3	1.2	1.3	1.1	1.4	1.4	1.3
RUBIDIUM UG/L	--	--	--	--	--	< 2.0	.70	--	--
SELENIUM UG/L	1	1	0	1	1	2	3	0	2
SILICA MG/L	.20	.40	.20	.20	0	.50	.70	.60	.80
SILVER UG/L	< .40	< .40	< .40	< .40	< .50	< .20	< .30	< .30	< .90
SODIUM MG/L	11	11	12	12	11	11	12	12	14
SPECIFIC COND UMHOS	304	304	303	308	307	325	309	311	317
STRONTIUM UG/L	150	160	130	150	140	170	150	180	190
SULFATE MG/L	26	25	24	25	25	29	26	26	27
TIN UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0	< 4.0	< 6.0	< 4.0	< 10
TITANIUM UG/L	7.0	27	16	8.0	65	< 2.0	< 3.0	< 4.0	2.0
VANADIUM UG/L	< 4.0	< 2.0	< 4.0	< 3.0	< 5.0	< 2.0	< 2.0	< 4.0	< 2.0
ZINC UG/L	20	20	30	0	30	< 250	< 230	< 190	< 430
ZIRCONIUM UG/L	< 5.0	< 6.0	< 9.0	< 6.0	< 10	ND	< 8.0	< 9.0	< 10

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ERIE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	425814078580101	GRAND ISLAND WD #2-NIAGARA RIVER(WEST BRANCH)
B	424240078495600	HAMBURG(V)-EIGHTEENMILE CREEK

SYSTEM(S) ON THIS PAGE...	A	B	B	B	B	B	B	B	B
TYPE OF WATER SAMPLED...	TREATED	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	04/11/72	09/14/71	05/16/73	05/29/73	06/13/73	06/27/73	07/11/73	07/23/73	08/08/73
ALUMINUM UG/L	67	800	310	980	530	960	1100	920	740
ARSENIC UG/L	1	1	0	0	0	0	0	0	10
BARIUM UG/L	24	90	48	43	65	84	87	77	96
BERYLLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
BICARBONATE MG/L	110	174	99	90	135	148	163	165	162
BISMUTH UG/L	< 6.0	< 6.0	< 6.0	< 6.0	< 5.0	< 6.0	< 6.0	< 6.0	< 6.0
BORON UG/L	15	43	11	24	21	28	24	27	43
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	39	58	37	32	46	57	55	56	56
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	26	25	13	11	17	29	18	25	20
CHROMIUM UG/L	< 4	< 6	< 4	< 2	< 2	< 2	< 3	< 2	< 3
COBALT UG/L	< 4.0	< .60	< 4.0	< 2.0	< 2.0	< 4.0	< 3.0	< 2.0	< 3.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	2.0	2.0	1.0	3.0	3.0	4.0	6.0	3.0	3.0
CYANIDE MG/L	0	0	.01	.02	.02	.02	.01	.01	0
DISS SOLIDS SUM MG/L	166	257	159	135	192	244	225	237	247
FLUORIDE MG/L	1.5	.20	.20	.20	.20	1.3	.20	.30	.20
GALLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 3.0	< 3.0	< 3.0	< 3.0
GERMANIUM UG/L	< 6.0	< 6.0	< 4.0	< 4.0	< 5.0	< 6.0	< 6.0	< 6.0	< 6.0
HARDNESS TOTAL MG/L	130	194	120	102	150	179	178	185	185
HARDNESS NONCARB MG/L	40	92	39	28	39	65	45	50	52
IRON UG/L	21	1400	350	1300	1200	1700	1400	1200	1100
LEAD UG/L	< 6.0	< 6.0	< 4.0	< 2.0	< 2.0	< 6.0	< 6.0	< 4.0	< 4.0
LITHIUM UG/L	< 10	< 10	0	0	0	0	0	0	0
MAGNESIUM MG/L	8.0	12	6.8	5.4	8.5	9.0	10	11	11
MANGANESE UG/L	< 2.0	370	41	38	110	170	250	200	220
MBAS MG/L	.01	.05	.05	.04	.05	.04	.02	.01	.04
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	1.4	.60	1.0	.80
MOLYBDENUM UG/L	< 2.0	3.0	< 2.0	< 2.0	< 2.0	2.0	< 3.0	< 3.0	3.0
NICKEL UG/L	< 4.0	< 6.0	< 4.0	5.0	< 4.0	4.0	4.0	3.0	3.0
NITRATE AS N MG/L	.10	.40	.37	.48	.49	.50	.44	.33	.35
NITRITE AS N MG/L	--	--	.03	.04	.11	.00	.00	.01	.00
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.09	.85	.43	.41	.34	.11	.52	.36	.30
PH UNITS	7.5	7.3	7.5	7.6	7.6	8.0	7.7	7.7	7.7
PHENOLS UG/L	7.0	2.0	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.00	.13	.04	.07	.09	.01	.06	.04	.05
POTASSIUM MG/L	1.4	3.2	1.6	1.7	2.4	2.6	2.6	2.7	3.0
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	2	0	1	2	0	1	1	1	4
SILICA MG/L	.40	4.3	2.8	4.3	4.0	4.0	5.3	3.8	3.8
SILVER UG/L	< .40	< .60	< .40	< .40	< .80	< .60	< .60	< .60	< .60
SODIUM MG/L	11	16	9.1	7.2	11	15	12	15	14
SPECIFIC COND UMHOS	315	447	279	232	341	410	390	416	404
STRONTIUM UG/L	170	180	90	66	74	92	110	110	130
SULFATE MG/L	26	52	39	28	36	57	41	42	59
TIN UG/L	< 4.0	< 6.0	< 4.0	< 4.0	< 5.0	< 6.0	< 6.0	< 6.0	< 6.0
TITANIUM UG/L	< 4.0	24	16	46	< 4.0	20	37	26	18
VANADIUM UG/L	< 3.0	< 3.0	< 4.0	< 2.0	< 2.0	2.0	2.0	2.0	2.0
ZINC UG/L	< 200	400	0	0	10	0	50	50	30
ZIRCONIUM UG/L	< 20	< 13	< 8.0	< 7.0	< 8.0	< 9.0	< 9.0	< 9.0	< 9.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ERIE COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	424246078495600	HAMBURG(V)-EIGHTEENMILE CREEK

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	09/21/73	09/05/73	09/19/73	10/03/73	10/16/73	10/30/73	11/14/73	11/28/73	12/13/73
ALUMINUM UG/L	540	670	880	490	4700	15000	1900	4900	260
ARSENIC UG/L	1w	0	< 1	1	1	3	1	2	2
BARIUM UG/L	88	98	90	92	130	180	100	82	60
BERYLLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	< .40	< 1.0
BICARBONATE MG/L	173	173	180	172	171	196	155	61	108
BISMUTH UG/L	< 6.0	< 6.0	< 6.0	< 6.0	< 7.0	< 7.0	< 6.0	< .50	< 5.0
BORON UG/L	28	54	30	30	62	40	30	40	30
CADMIUM UG/L	0	0	0	0	0	4	0	0	0
CALCIUM MG/L	60	57	56	54	45	39	52	26	42
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	21	21	18	20	20	13	18	7.8	19
CHROMIUM UG/L	< 3	3	< 3	< 3	4	14	< 3	5	< 2
COBALT UG/L	< 6.0	< 6.0	< 6.0	< 6.0	< 7.0	4.0	< 3.0	2.0	< 3.0
COLIFORM CUL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	2.0	11	3.0	5.0	10	11	7.0	7.0	3.0
CYANIDE MG/L	0	.02	0	0	0	.01	0	.01	.02
DISS SOLIDS SUM MG/L	251	242	243	242	224	183	231	127	190
FLUORIDE MG/L	.30	.40	.30	.30	.20	.30	.30	.40	.40
GALLIUM UG/L	< 3.0	< 3.0	< 3.0	< 3.0	< 4.0	5.0	< 3.0	< 2.0	< 2.0
GERMANIUM UG/L	< 6.0	< 6.0	< 6.0	< 6.0	< 7.0	< 6.0	< 6.0	< 4.0	< 5.0
HARDNESS TOTAL MG/L	195	183	181	184	195	132	179	96	141
HARDNESS NONCARB MG/L	53	42	33	43	53	45	52	44	52
IRON UG/L	780	1100	1300	650	6000	10000	2000	4200	600
LEAD UG/L	< 6.0	< 6.0	< 6.0	< 6.0	< 7.0	7.0	< 5.0	2.0	< 5.0
LITHIUM UG/L	0	0	10	10	10	10	0	0	0
MAGNESIUM MG/L	11	10	10	12	14	8.3	12	7.0	8.7
MANGANESE UG/L	140	170	110	92	670	170	190	90	100
MBAS MG/L	0	.04	.01	.01	.02	0	0	.03	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	4.0	< 3.0	< 3.0	< 4.0	3.0	< 2.0	1.0	< 1.0
NICKEL UG/L	< 6.0	11	< 5.0	< 6.0	12	25	< 3.0	12	< 5.0
NITRATE AS N MG/L	.18	.25	.13	.30	.37	.52	.34	.72	.76
NITRITE AS N MG/L	.01	0	.01	.00	.00	.02	.01	.02	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	.35	--
NITROGEN NH4+ORG-N MG/L	.21	.24	.29	.27	.43	.71	.37	.60	.11
PH UNITS	7.6	7.8	7.6	7.6	7.6	7.2	7.6	7.2	7.6
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.06	.04	.10	.06	.18	.31	.08	.07	.03
POTASSIUM MG/L	3.3	3.5	1.6	3.3	3.5	5.3	2.7	3.0	2.2
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	--	0	1	1	1	10	2	1
SILICA MG/L	4.7	4.6	4.5	2.4	3.1	4.7	3.8	4.8	4.7
SILVER UG/L	0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< .50	< .40	< .50
SODIUM MG/L	14	14	13	14	10	8.0	12	6.5	12
SPECIFIC COND UMHOS	431	422	435	430	442	313	402	222	338
STRONTIUM UG/L	150	140	140	160	130	200	150	82	100
SULFATE MG/L	51	46	51	51	35	51	54	38	47
TIN UG/L	< 6.0	< 6.0	< 6.0	< 6.0	< 7.0	< 6.0	< 6.0	< 5.0	< 5.0
TITANIUM UG/L	19	< 4.0	22	10	240	890	85	230	10
VANADIUM UG/L	< 4.0	< 3.0	< 3.0	< 3.0	10	30	< 3.0	8.0	< 2.0
ZINC UG/L	30	10	10	20	30	30	20	60	20
ZIRCONIUM UG/L	< 13	< 9.0	< 10	< 9.0	< 10	23	< 6.0	7.0	< 5.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ERIE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	424246078495600	HAMBURG(V)-EIGHTEENMILE CREEK

SYSTEM(S) ON THIS PAGE...	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	12/27/73	01/08/74	01/21/74	02/05/74	02/20/74	03/05/74	03/19/74	04/03/74	04/16/74
ALUMINUM UG/L	11000	520	24000	510	380	85000	1100	10000	900
ARSENIC UG/L	3	0	4	1	1	6	0	2	< 1
BARIUM UG/L	100	70	180	65	64	530	60	95	57
BERYLLIUM UG/L	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 4.0	< 1.0	< 2.0	< .70
BICARBONATE MG/L	45	111	47	101	99	47	82	51	74
BISMUTH UG/L	< 5.0	< 5.0	< 6.0	< 3.0	< 3.0	< 14	< 4.0	< 4.0	< 4.0
BORON UG/L	36	24	57	27	31	270	25	40	18
CADMIUM UG/L	2	0	1	0	0	1	0	0	0
CALCIUM MG/L	22	41	21	42	42	22	34	22	31
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	11	20	15	21	24	8.8	19	11	15
CHROMIUM UG/L	11	< 3	22	< 2	< 2	40	< 2	10	< 2
COBALT UG/L	3.0	< 4.0	8.0	< 5.0	< 5.0	20	4.0	4.0	< 4.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	10	5.0	15	1.0	2.0	36	2.0	8.0	4.0
CYANIDE MG/L	0	.01	0	.01	0	0	0	0	0
DISS SOLIDS SUM MG/L	107	193	104	186	191	91	157	104	136
FLUORIDE MG/L	.20	.20	.10	.10	0	.30	.10	0	.20
GALLIUM UG/L	3.0	< 2.0	6.0	< 1.0	< 1.0	20	< 2.0	2.0	< 1.0
GERMANIUM UG/L	< 4.0	< 5.0	< 7.0	< 5.0	< 5.0	< 14	< 4.0	< 4.0	< 4.0
HARDNESS TOTAL MG/L	71	137	68	139	137	69	114	71	100
HARDNESS NONCARB MG/L	34	46	30	56	55	30	47	29	40
IRON UG/L	6500	840	15000	480	500	45000	780	5600	840
LEAD UG/L	4.0	< 5.0	9.0	< 3.0	< 3.0	20	< 4.0	< 4.0	< 3.0
LITHIUM UG/L	0	0	10	0	0	0	0	0	0
MAGNESIUM MG/L	4.0	8.4	3.8	8.3	7.7	3.3	7.1	3.9	5.6
MANGANESE UG/L	100	110	200	65	61	600	45	80	50
MBAS MG/L	.02	0	0	0	.01	0	.01	0	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	2.0	< 2.0	< 3.0	< 1.0	< 2.0	< 6.0	< 1.0	< 2.0	< 2.0
NICKEL UG/L	16	3.0	35	< 2.0	< 2.0	70	4.0	13	3.0
NITRATE AS N MG/L	.95	1.1	.87	1.2	.95	.70	.99	.97	.83
NITRITE AS N MG/L	.05	.01	.04	.01	.01	.06	0	.03	.01
NITROGEN NH4 AS N MG/L	--	--	.40	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.45	.13	.83	.21	.23	1.5	.23	.39	.23
PH UNITS	7.2	7.5	7.9	7.3	7.4	8.1	7.5	7.5	7.5
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.13	.03	.31	.02	.03	.35	.03	.06	.04
POTASSIUM MG/L	2.1	1.8	2.0	1.6	1.8	3.8	1.7	2.0	1.8
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	1	1	1	1	1	2	0	1
SILICA MG/L	4.2	4.9	3.6	4.8	4.1	3.2	5.2	4.2	4.2
SILVER UG/L	< .40	< .50	< .60	< .30	< .50	< 2.0	< .40	< .40	< .40
SODIUM MG/L	5.8	12	6.7	12	15	4.2	10	5.7	8.0
SPECIFIC COND UMHOS	189	351	176	326	337	151	266	184	230
STRONTIUM UG/L	70	120	80	140	120	140	100	70	86
SULFATE MG/L	34	49	27	45	43	21	39	29	33
TIN UG/L	< 4.0	< 5.0	< 6.0	< 4.0	< 4.0	< 14	< 4.0	< 4.0	< 4.0
TITANIUM UG/L	560	12	1600	23	12	4200	50	410	37
VANADIUM UG/L	15	< 3.0	40	< 2.0	< 2.0	140	2.0	15	< 2.0
ZINC UG/L	120	80	40	10	20	130	20	310	110
ZIRCONIUM UG/L	15	< 5.0	30	< 7.0	< 7.0	120	< 4.0	14	< 5.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ERIE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	424248078495600	HAMBURG(V)-EIGHTEENMILE CREEK
B	424248078495601	HAMBURG(V)-EIGHTEENMILE CREEK

SYSTEM(S) ON THIS PAGE..	A	B	B	B	B	B	B	B	B
TYPE OF WATER SAMPLED...	RAW	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	04/30/74	09/14/71	05/16/73	05/29/73	06/13/73	06/21/73	07/11/73	07/23/73	08/08/73
ALUMINUM UG/L	200	330	800	940	530	760	380	600	690
ARSENIC UG/L	< 1	0	0	0	0	0	0	0	0
BARIUM UG/L	67	60	40	40	58	70	56	73	72
BERYLLIUM UG/L	< .90	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
BICARBONATE MG/L	92	162	106	100	127	152	144	160	146
BISMUTH UG/L	< 4.0	< 6.0	< 4.0	< 4.0	< 5.0	< 6.0	< 6.0	< 6.0	< 6.0
BORON UG/L	18	31	13	22	17	19	16	22	36
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	46	54	43	41	50	53	57	58	58
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	18	30	18	18	25	21	23	31	26
CHROMIUM UG/L	< 2	< 6	< 4	< 2	< 2	< 2	< 3	< 2	< 3
COBALT UG/L	< 4.0	< .60	< 4.0	< 2.0	< 2.0	< 4.0	< 3.0	< 2.0	< 3.0
COLIFORM CUL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	2.0	< 2.0	< .80	.40	< 1.0	2.0	< 2.0	< 1.0	< 2.0
CYANIDE MG/L	0	0	.01	.02	.02	0	.02	.01	.01
DISS SOLIDS SUM MG/L	188	264	182	178	214	227	242	252	250
FLUORIDE MG/L	.10	1.4	1.3	1.4	1.4	.20	1.1	1.2	1.7
GALLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 3.0	< 3.0	< 3.0	< 3.0
GERMANIUM UG/L	< 4.0	< 6.0	< 4.0	< 4.0	< 5.0	< 6.0	< 6.0	< 6.0	< 6.0
HARDNESS TOTAL MG/L	144	197	134	128	154	172	182	186	186
HARDNESS NONCARB MG/L	69	84	47	46	54	47	64	55	66
IRON UG/L	300	47	79	84	32	120	20	18	18
LEAD UG/L	< 3.0	< 6.0	< 4.0	< 2.0	< 2.0	< 6.0	< 6.0	< 4.0	< 4.0
LITHIUM UG/L	0	< 10	0	0	0	0	0	0	10
MAGNESIUM MG/L	7.2	12	6.4	6.2	4.2	9.6	9.6	10	10
MANGANESE UG/L	34	8.0	8.0	5.0	5.0	8.0	4.0	11	3.0
MBAS MG/L	.01	.05	.05	.04	.03	.03	.01	.01	.01
MERCURY UG/L	< .50	< .50	--	< .50	< .50	< .50	< .50	--	.80
MOLYBDENUM UG/L	< 2.0	3.0	< 2.0	< 2.0	< 2.0	2.0	< 3.0	< 3.0	3.0
NICKEL UG/L	< 2.0	< 6.0	< 4.0	< 2.0	< 4.0	< 3.0	< 3.0	< 2.0	< 3.0
NITRATE AS N MG/L	.41	.20	.30	.30	.40	.60	.29	.13	.19
NITRITE AS N MG/L	.01	--	.00	.00	0	.00	.01	.01	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.22	.13	.21	.16	.04	.50	.10	.14	.10
PH UNITS	8.0	7.5	7.7	8.1	7.9	7.7	7.9	8.0	8.0
PHENOLS UG/L	--	0	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.04	.02	.02	.02	.01	.07	.01	.01	.01
POTASSIUM MG/L	1.9	1.8	1.6	1.8	2.3	2.6	2.7	2.7	3.0
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	2	2	1	0	0	0	1	1
SILICA MG/L	2.3	4.0	2.7	2.8	3.6	4.9	4.7	3.5	3.5
SILVER UG/L	< .40	< .60	< .40	< .50	< .70	< .60	< .60	< .60	< .60
SODIUM MG/L	9.6	19	11	11	13	14	13	16	16
SPECIFIC COND UMHOS	283	485	305	306	366	381	417	432	424
STRONTIUM UG/L	120	170	79	80	80	110	82	100	120
SULFATE MG/L	37	57	46	46	58	46	60	51	60
TIN UG/L	< 4.0	< 6.0	< 4.0	< 4.0	< 5.0	< 6.0	< 6.0	< 6.0	< 6.0
TITANIUM UG/L	4.0	< 3.0	< 4.0	< 3.0	< 4.0	< 5.0	< 5.0	< 4.0	< 4.0
VANADIUM UG/L	< 2.0	< 3.0	< 4.0	< 2.0	< 2.0	< 3.0	< 3.0	< 2.0	< 3.0
ZINC UG/L	0	< 540	10	0	10	0	20	50	20
ZIRCONIUM UG/L	< 6.0	< 12	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 9.0	< 9.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ERIE COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND NAW SOURCE OF WATER SAMPLED
	A	424248078495601	HAMBURG(V)-EIGHTEENMILE CREEK

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	08/21/73	09/05/73	09/19/73	10/03/73	10/16/73	10/30/73	11/14/73	11/28/73	12/13/73
ALUMINUM UG/L	580	800	460	920	860	340	190	600	450
ARSENIC UG/L	0	0	2	< 1	1	1	< 1	< 1	< 1
BARIUM UG/L	70	72	64	80	76	100	77	90	90
BERYLLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 1.0
BICARBONATE MG/L	156	163	171	175	174	172	146	84	102
BISMUTH UG/L	< 6.0	< 6.0	< 6.0	< 6.0	< 7.0	< 7.0	< 6.0	< 5.0	< 5.0
BORON UG/L	29	43	26	31	32	45	23	25	27
CADMIUM UG/L	0	0	0	0	0	7	0	0	0
CALCIUM MG/L	57	58	58	61	63	59	56	45	47
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	26	27	24	25	26	27	24	20	25
CHROMIUM UG/L	< 3	3	< 3	< 3	< 4	< 4	< 3	< 2	< 2
COBALT UG/L	< 6.0	< 6.0	< 6.0	< 6.0	< 7.0	< 6.0	< 3.0	< 4.0	< 4.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	1.0	2.0	< 2.0	< 2.0	< 2.0	< 2.0	1.0	1.0	1.0
CYANIDE MG/L	0	.01	0	0	0	0	0	.01	0
DISS SOLIDS SUM MG/L	249	253	257	269	274	269	247	191	212
FLUORIDE MG/L	.90	1.5	1.5	1.5	1.1	.40	1.3	.90	1.3
GALLIUM UG/L	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 2.0	< 2.0
GERMANIUM UG/L	< 6.0	< 6.0	< 6.0	< 6.0	< 7.0	< 6.0	< 6.0	< 4.0	< 5.0
HARDNESS TOTAL MG/L	183	186	190	202	207	197	185	145	163
HARDNESS NONCARB MG/L	54	52	50	58	60	56	65	76	79
IRON UG/L	150	70	12	25	10	120	30	70	60
LEAD UG/L	< 6.0	< 6.0	< 6.0	< 6.0	< 7.0	< 7.0	< 5.0	< 2.0	< 5.0
LITHIUM UG/L	0	10	0	10	10	0	0	0	0
MAGNESIUM MG/L	10	10	11	12	12	12	11	7.9	11
MANGANESE UG/L	30	20	4.0	5.0	< 5.0	7.0	6.0	4.0	7.0
MBAS MG/L	0	.04	.01	.02	.03	.01	.02	0	.02
MERCURY UG/L	< .50	.60	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 1.0	3.0	< 3.0	< 3.0	< 4.0	4.0	< 2.0	2.0	< 1.0
NICKEL UG/L	< 6.0	< 6.0	< 5.0	< 6.0	< 7.0	< 6.0	< 3.0	< 4.0	< 5.0
NITRATE AS N MG/L	.16	.08	.17	.14	.11	.15	.39	.56	.71
NITRITE AS N MG/L	.01	.01	.00	.00	.00	.00	.00	.01	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.17	.08	.01	.14	.09	.08	.18	.13	.08
PH UNITS	7.9	8.1	8.0	8.1	8.2	7.9	8.0	7.8	7.9
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.01	.01	.01	.01	.01	.02	.01	.01	.01
POTASSIUM MG/L	3.3	3.5	3.0	3.3	3.9	3.8	2.8	2.9	2.4
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	2	0	0	1	0	--	2
SILICA MG/L	4.0	4.1	3.8	2.6	3.1	2.5	3.9	3.5	4.2
SILVER UG/L	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< .50	< .40	< .50
SODIUM MG/L	16	16	15	15	15	14	14	11	14
SPECIFIC COND UMHOS	430	430	450	470	482	460	433	342	368
STRONTIUM UG/L	130	130	130	160	140	140	150	100	97
SULFATE MG/L	57	53	56	62	64	66	62	58	56
TIN UG/L	< 6.0	< 6.0	< 6.0	< 6.0	< 7.0	< 6.0	< 6.0	< 5.0	< 5.0
TITANIUM UG/L	< 5.0	20	< 4.0	< 5.0	< 5.0	3.0	< 3.0	3.0	< 2.0
VANADIUM UG/L	< 4.0	< 3.0	< 3.0	< 3.0	1.0	< 3.0	< 3.0	< 2.0	< 2.0
ZINC UG/L	20	10	0	20	30	10	20	40	10
ZIRCONIUM UG/L	< 12	< 9.0	< 10	< 10	< 10	< 10	< 6.0	< 5.0	< 5.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ERIE COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	424246078495601	HAMBURG(V)-EIGHTEENMILE CREEK

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	12/27/73	01/08/74	01/21/74	02/05/74	02/20/74	03/05/74	03/19/74	04/03/74	04/16/74
ALUMINUM UG/L	1300	250	770	430	220	950	760	850	1300
ARSENIC UG/L	1	1	1	< 1	0	1	0	1	0
BARIUM UG/L	43	55	40	55	65	32	45	36	36
BERYLLIUM UG/L	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< .70	< 1.0	< 1.0	< .40
BICARBONATE MG/L	73	111	75	96	113	66	78	50	67
BISMUTH UG/L	< 5.0	< 5.0	< 5.0	< 3.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
BORON UG/L	21	21	20	20	23	24	12	14	17
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	41	50	40	45	46	34	40	33	43
CARBONATE MG/L	0	0	0	0	0	0	0	0	1
CHLORIDE MG/L	23	23	30	24	30	21	23	20	21
CHROMIUM UG/L	< 2	< 3	< 2	< 2	< 3	< 2	< 2	< 2	< 2
COBALT UG/L	< 2.0	< 4.0	< 3.0	< 5.0	< 5.0	< 4.0	< 4.0	< 3.0	< 4.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	1.0	1.0	1.0	< 1.0	< 2.0	.60	< 1.0	2.0	< 1.0
CYANIDE MG/L	0	0	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	183	215	190	197	216	151	178	145	169
FLUORIDE MG/L	1.1	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.3
GALLIUM UG/L	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
GERMANIUM UG/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 4.0	< 4.0	< 4.0	< 4.0
HARDNESS TOTAL MG/L	127	159	125	144	151	102	127	98	126
HARDNESS NONCARB MG/L	67	68	63	55	58	53	63	57	70
IRON UG/L	83	40	25	65	14	60	70	86	75
LEAD UG/L	< 2.0	< 5.0	< 4.0	< 3.0	< 4.0	< 3.0	< 4.0	< 4.0	< 3.0
LITHIUM UG/L	0	0	0	0	0	10	10	10	10
MAGNESIUM MG/L	6.0	8.2	6.0	7.6	8.7	4.1	6.5	3.9	4.6
MANGANESE UG/L	5.0	4.0	2.0	6.0	4.0	2.0	3.0	2.0	4.0
MBAS MG/L	.01	.01	0	.01	.03	0	.01	.03	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0
NICKEL UG/L	< 4.0	< 5.0	< 4.0	< 2.0	< 3.0	< 3.0	< 3.0	< 3.0	< 2.0
NITRATE AS N MG/L	.97	1.1	1.1	1.1	.93	.95	.99	.93	.76
NITRITE AS N MG/L	.00	0	0	0	0	0	0	0	.01
NITROGEN NH4 AS N MG/L	--	--	.12	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.08	.08	.18	.14	.05	.06	.12	.01	.09
PH UNITS	8.3	7.8	8.3	7.8	7.8	8.2	8.0	7.7	8.5
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.01	0	.01	0	0	.01	.01	.01	.01
POTASSIUM MG/L	2.1	1.9	1.8	1.6	1.8	1.8	1.8	1.8	1.9
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	1	1	1	1	1	2	2	0
SILICA MG/L	3.1	4.5	3.3	4.0	4.0	2.4	3.5	2.5	2.8
SILVER UG/L	< .50	< .50	< .50	< .50	< .50	< .40	< .40	< .40	< .40
SODIUM MG/L	11	14	16	12	15	9.5	11	9.0	9.6
SPECIFIC COND UMHOS	332	374	344	343	380	268	304	256	277
STRONTIUM UG/L	93	100	92	120	140	66	110	87	98
SULFATE MG/L	54	57	54	53	53	47	52	48	50
TIN UG/L	< 5.0	< 5.0	< 5.0	< 4.0	< 5.0	< 4.0	< 4.0	< 4.0	< 4.0
TITANIUM UG/L	< 2.0	< 3.0	< 2.0	< 2.0	< 3.0	4.0	3.0	3.0	2.0
VANADIUM UG/L	< 2.0	< 3.0	< 2.0	< 2.0	< 3.0	< 2.0	< 2.0	< 2.0	2.0
ZINC UG/L	10	--	20	50	40	0	10	30	40
ZIRCONIUM UG/L	< 5.0	< 5.0	< 5.0	< 7.0	< 8.0	< 5.0	< 4.0	< 6.0	< 6.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ERIE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	424246078495601	HAMBURG(V)-EIGHTEENMILE CREEK
B	423824078500700	HOLLAND 40-WELLS
C	423210078555400	LAWTONS(U)-WELL
D	423540078563900	NORTH COLLINS(V)-WELLS
E	424135078403300	ORCHARD PARK(V)-NORTH BRANCH PIPE BROOK
F	424135078403301	ORCHARD PARK(V)-NORTH BRANCH PIPE BROOK
G	423031078400000	SPRINGVILLE(V)-WELLS
H	430109078531602	TONAWANDA(C)-EAST BRANCH NIAGARA RIVER
I	430109078531601	TONAWANDA(C)-EAST BRANCH NIAGARA RIVER

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	TREATED	DISTRBN	DISTRBN	DISTRBN	RAW	TREATED	DISTRBN	RAW	TREATED
DATE.....	04/30/74	09/13/71	10/30/73	09/13/71	09/14/71	09/14/71	09/13/71	11/17/70	11/17/70
ALUMINUM UG/L	950	13	50	16	51	1400	10	31	72
ARSENIC UG/L	1	1	1	1	0	0	4	0	10
BARIUM UG/L	58	1600	600	150	48	39	190	29	27
BERYLLIUM UG/L	< .40	< 2.0	< 2.0	< .50	< .50	< .60	< 2.0	< .50	< .50
BICARBONATE MG/L	91	230	132	93	65	62	176	120	106
BISMUTH UG/L	< 4.0	< 7.0	< 6.0	< 4.0	< 3.0	< 3.0	< 6.0	< 3.0	< 3.0
BORON UG/L	20	81	14	15	28	29	31	32	26
CADMIUM UG/L	0	0	3	0	0	0	0	0	0
CALCIUM MG/L	36	58	53	48	21	30	57	42	41
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	22	37	9.0	28	7.0	14	6.7	27	28
CHROMIUM UG/L	< 2	< 7	< 3	< 4	< 3	< 3	< 6	< 5	< 5
COBALT UG/L	< 4.0	< .70	< 5.0	< 3.0	< .20	< .30	< .60	< 5.0	< 5.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	1.0	< 2.0	12	39	150	21	< 2.0	2.0	40
CYANIDE MG/L	0	0	0	0	.01	0	0	0	0
DISS SOLIDS SUM MG/L	172	273	216	228	91	118	239	179	173
FLUORIDE MG/L	1.2	.20	.20	.20	.10	.10	.10	.20	2.1
GALLIUM UG/L	< 2.0	< 2.0	< 3.0	< 1.0	< .50	< .60	< 2.0	ND	ND
GERMANIUM UG/L	< 4.0	< 7.0	< 5.0	< 5.0	< 3.0	< 3.0	< 6.0	< 5.0	< 5.0
HARDNESS TOTAL MG/L	121	287	182	161	69	92	204	132	129
HARDNESS NONCARB MG/L	47	18	73	85	16	41	60	34	42
IRON UG/L	92	390	580	1000	420	140	390	22	17
LEAD UG/L	< 3.0	< 7.0	< 5.0	< 4.0	< 3.0	< 3.0	< 6.0	< 5.0	< 5.0
LITHIUM UG/L	10	30	0	< 10	< 10	< 10	< 10	3.0	4.0
MAGNESIUM MG/L	6.4	15	12	10	4.1	4.2	15	6.7	6.5
MANGANESE UG/L	4.0	82	12	580	140	41	62	8.0	< 3.0
MBAS MG/L	.02	.03	0	.02	.04	.04	.04	--	--
MERCURY UG/L	< .50	< .50	< .50	1.4	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 3.0	< 3.0	< 3.0	1.0	1.0	4.0	2.0	1.0
NICKEL UG/L	< 2.0	< 7.0	< 5.0	< 3.0	4.0	5.0	7.0	< 5.0	< 5.0
NITRATE AS N MG/L	.45	.10	--	.70	.10	.10	.10	.30	.10
NITRITE AS N MG/L	0	--	.00	--	--	--	--	.01	0
NITROGEN NH4 AS N MG/L	--	.49	6.0	--	--	--	--	.22	.05
NITROGEN NH4+ORG-N MG/L	.10	.27	.04	.22	.45	.28	.09	--	--
PH UNITS	8.0	7.5	7.3	6.5	7.2	7.3	7.4	7.6	7.6
PHENOLS UG/L	--	2.0	--	0	2.0	0	0	50	0
PHOSPHORUS AS P MG/L	.01	.01	.01	.73	.02	.01	0	.14	.02
POTASSIUM MG/L	1.8	1.1	1.2	1.5	2.2	2.3	.80	1.3	1.2
RUBIDIUM UG/L	--	--	--	--	--	--	--	< 2.0	< 2.0
SELENIUM UG/L	0	2	0	0	0	0	0	4	5
SILICA MG/L	2.0	13	6.8	10	1.0	1.1	11	.10	.70
SILVER UG/L	< .40	< .70	< .80	< .40	< .20	< .30	< .60	< .20	< .20
SODIUM MG/L	11	24	4.2	8.6	4.2	4.3	7.1	12	11
SPECIFIC COND UMHOS	298	488	393	384	166	228	402	339	326
STRONTIUM UG/L	110	650	90	100	67	61	330	190	170
SULFATE MG/L	44	11	59	67	14	31	55	30	30
TIN UG/L	< 4.0	< 7.0	< 5.0	< 5.0	< 3.0	< 3.0	< 6.0	< 5.0	< 5.0
TITANIUM UG/L	< 2.0	< 3.0	< 3.0	< 4.0	2.0	< 2.0	5.0	< 5.0	< 5.0
VANADIUM UG/L	< 2.0	< 3.0	< 3.0	< 4.0	< 1.0	< 2.0	< 3.0	< 5.0	< 5.0
ZINC UG/L	0	< 630	380	< 250	< 210	< 280	< 530	< 180	< 180
ZIRCONIUM UG/L	< 6.0	< 14	< 8.0	< 8.0	< 4.0	< 6.0	< 12	ND	ND

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ERIE COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	425751078553500	TONAWANDA WD-NIAGARA RIVER
	B	424452078540300	WANAKAH WATER CO-LAKE ERIE
	C	424452078540301	WANAKAH WATER CO-LAKE ERIE

SYSTEM(S) ON THIS PAGE..	A	B	C
TYPE OF WATER SAMPLED...	DISTRBN	RAW	TREATED
DATE.....	05/31/72	09/14/71	09/14/71
ALUMINUM UG/L	2800	140	140
ARSENIC UG/L	2	0	0
BARIUM UG/L	26	24	25
BERYLLIUM UG/L	< .80	< .80	< .90
BICARBONATE MG/L	108	113	118
BISMUTH UG/L	< 4.0	< 4.0	< 4.0
BORON UG/L	25	24	19
CADMIUM UG/L	0	0	0
CALCIUM MG/L	43	38	37
CARBONATE MG/L	0	0	0
CHLORIDE MG/L	26	25	27
CHROMIUM UG/L	21	< 4	< 4
COBALT UG/L	< 4.0	< .40	< .40
COLIFORM COL/100 ML	--	--	--
COPPER UG/L	17	1.0	1.0
CYANIDE MG/L	0	0	0
DISS SOLIDS SUM MG/L	176	166	187
FLUORIDE MG/L	.70	.20	.90
GALLIUM UG/L	< 2.0	< .80	< .90
GERMANIUM UG/L	< 6.0	< 4.0	< 4.0
HARDNESS TOTAL MG/L	138	128	125
HARDNESS NONCARB MG/L	50	35	29
IRON UG/L	480	140	10
LEAD UG/L	4.0	< 4.0	< 4.0
LITHIUM UG/L	< 10	< 10	< 10
MAGNESIUM MG/L	7.5	8.0	8.0
MANGANESE UG/L	13	7.0	4.0
MBAS MG/L	0	.02	.03
MERCURY UG/L	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	2.0	< 2.0
NICKEL UG/L	8.0	< 4.0	< 4.0
NITRATE AS N MG/L	.05	0	0
NITRITE AS N MG/L	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--
NITROGEN NH4+ORG-N MG/L	.37	.29	.20
PH UNITS	7.9	7.9	7.7
PHENOLS UG/L	--	1.0	2.0
PHOSPHORUS AS P MG/L	.01	.04	.03
POTASSIUM MG/L	1.4	1.4	1.3
RUBIDIUM UG/L	--	--	--
SELENIUM UG/L	0	0	2
SILICA MG/L	.20	.20	.50
SILVER UG/L	< .30	< .40	< .40
SODIUM MG/L	11	12	20
SPECIFIC COND UMHOS	326	311	344
STRONTIUM UG/L	140	230	200
SULFATE MG/L	33	26	34
TIN UG/L	< 4.0	< 4.0	< 4.0
TITANIUM UG/L	6.0	4.0	< 2.0
VANADIUM UG/L	4.0	< 2.0	< 2.0
ZINC UG/L	< 240	< 380	< 410
ZIRCONIUM UG/L	< 8.0	< 9.0	< 9.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ESSEX COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	443128073274200	AUSABLE CHASM COMPANY-SPRINGS
B	442431074051500	BLOOMINGDALE (V)-SUMNER BROOK AND WELL
C	435655073255000	CROWN POINT WD-WELL AND SPRINGS
D	441245073360000	ELIZABETHTOWN(V)-SPRINGS
E	441713073211000	ESSEX CHATEM CLUB-LAKE CHAMPLAIN
F	441430073211000	ESSEX WATER COMPANY-LAKE CHAMPLAIN
G	435246073271600	GLEN WATERWORKS COMPANY-SPRINGFED STREAM
H	435330073233000	IPC PLANT TICONDEROGA-LAKE CHAMPLAIN

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	H
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	RAW	RAW
DATE.....	08/09/72	09/06/72	07/11/73	07/11/73	09/21/72	07/26/72	10/17/72	01/19/71	07/15/71
ALUMINUM UG/L	15	20	16	13	24	180	43	80	1400
ARSENIC UG/L	2	2	0	0	2	6	0	0	0
BARIUM UG/L	50	21	23	2.0	8.0	13	16	22	31
BERYLLIUM UG/L	< 3.0	< 2.0	< 2.0	< .00	< .00	< 2.0	< 3.0	< .50	< .70
BICARBONATE MG/L	239	79	202	60	59	64	203	102	100
BISMUTH UG/L	< 13	< 4.0	< 5.0	< 2.0	< 4.0	< 3.0	< 10	< 2.0	< 2.0
BORON UG/L	16	12	6.0	5.0	2.0	6.0	6.0	14	9.0
CADMIUM UG/L	0	0	1	0	0	1	0	0	1
CALCIUM MG/L	35	36	54	16	18	21	56	33	29
CARBONATE MG/L	0	0	0	0	0	0	2	0	0
CHLORIDE MG/L	12	44	2.4	.00	4.2	5.5	4.5	8.7	9.8
CHROMIUM UG/L	< 13	< 4	< 2	1	< 2	< 5	< 10	< 2	3
COBALT UG/L	< 6.0	< 4.0	< 2.0	< .00	< 2.0	10	< 5.0	< 2.0	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	3.0	27	19	42	28	7.0	7.0	3.0	4.0
CYANIDE MG/L	0	.01	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	249	160	204	75	83	84	201	141	137
FLUORIDE MG/L	.20	.10	.20	.20	.10	.10	.10	.10	.10
GALLIUM UG/L	< 6.0	< 2.0	< 3.0	< .00	< 2.0	< 3.0	< 5.0	< 2.0	< 2.0
GERMANIUM UG/L	< 13	< 4.0	< 5.0	< 2.0	< 4.0	< 5.0	< 10	< 3.0	< 3.0
HARDNESS TOTAL MG/L	211	120	197	56	62	71	181	106	93
HARDNESS NONCARB MG/L	15	55	31	6	14	19	11	24	11
IRON UG/L	32	60	890	40	57	440	26	110	2300
LEAD UG/L	< 6.0	4.0	< 4.0	< 1.0	2.0	9.0	< 10	1.0	2.0
LITHIUM UG/L	< 10	< 10	0	0	< 10	< 10	< 10	.70	2.0
MAGNESIUM MG/L	30	7.2	15	3.0	4.2	4.6	10	6.1	5.5
MANGANESE UG/L	91	5.0	16	1.0	5.0	23	< 5.0	27	74
H2S MG/L	0	.03	0	.02	.02	.02	.02	.02	.10
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	1.3
MOLYBDENUM UG/L	5.0	< 2.0	< 3.0	< 1.0	< .00	3.0	< 3.0	< .70	.80
NICKEL UG/L	28	< 3.0	< 2.0	< 1.0	< 2.0	3.0	< 5.0	< 4.0	9.0
NITRATE AS N MG/L	.09	1.1	.01	.49	.10	.10	.70	.26	0
NITRITE AS N MG/L	--	--	.01	.01	--	--	--	.01	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	.12	6.8
NITROGEN NH4+ORG-N MG/L	0	.13	.07	.06	.25	.29	.17	--	2.5
PH UNITS	8.0	7.5	8.0	7.8	7.9	7.4	8.5	7.8	6.9
PHENOLS UG/L	--	--	--	--	--	--	--	--	0
PHOSPHORUS AS P MG/L	.07	.01	.01	.02	.01	.02	.01	.06	.36
POTASSIUM MG/L	1.5	1.4	.70	.20	1.1	1.2	1.0	1.1	1.8
RUBIDIUM UG/L	--	--	--	--	--	--	--	.50	6.0
SELENIUM UG/L	1	4	0	0	0	3	0	4	5
SILICA MG/L	11	18	9.8	16	.50	1.0	11	9.1	1.3
SILVER UG/L	< 2.0	< .30	< .50	< .20	< .30	< .50	< 1.0	< .20	< .20
SODIUM MG/L	13	16	2.7	2.0	4.0	4.4	3.4	6.7	7.3
SPECIFIC COND UMHOS	420	340	356	114	156	155	340	232	251
STRONTIUM UG/L	450	140	170	33	76	83	150	150	110
SULFATE MG/L	29	12	20	5.5	15	15	12	31	23
TIN UG/L	< 13	< 4.0	< 5.0	< 2.0	< 3.0	< 5.0	< 10	< 2.0	< 3.0
TITANIUM UG/L	< 6.0	< 3.0	< 4.0	< 2.0	< 2.0	8.0	3.0	4.0	8.1
VANADIUM UG/L	< 3.0	< 3.0	< 2.0	< 1.0	< 2.0	< 2.0	< 5.0	< 2.0	6.0
ZINC UG/L	< 410	< 280	230	80	250	700	< 320	< 140	< 140
ZIRCONIUM UG/L	< 6.0	< 6.0	< 8.0	< 3.0	< 4.0	< 5.0	< 10	< 7.0	< 5.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ESSEX COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	435330073233000	IPC PLANT TICONDEROGA-LAKE CHAMPLAIN
B	435330073233001	IPC PLANT TICONDEROGA-LAKE CHAMPLAIN

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	TREATED	TREATED
DATE.....	10/15/71	01/20/72	04/06/72	07/12/72	10/17/72	01/11/73	04/17/73	01/19/71	07/15/71
ALUMINUM UG/L	1300	430	600	1800	1700	460	2000	40	32
ARSENIC UG/L	4	6	14	7	4	0	0	0	0
BARIUM UG/L	27	22	22	36	34	18	27	20	17
BERYLLIUM UG/L	< 2.0	< .60	< .50	< 2.0	< 2.0	< .70	< .98	< .50	< .60
BICARBONATE MG/L	73	90	69	77	109	74	74	79	58
BISMUTH UG/L	< 3.0	< 3.0	< 3.0	< 7.0	< 7.0	< 3.0	< 3.0	< 2.0	< 2.0
BORON UG/L	14	10	8.0	11	13	6.0	10	14	7.0
CADMIUM UG/L	0	0	0	0	0	0	0	--	0
CALCIUM MG/L	24	26	21	24	32	31	24	33	24
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	5.7	7.1	6.5	6.5	9.5	9.0	5.0	12	10
CHROMIUM UG/L	3	< 3	< 3	3	< 4	< 3	< 3	< 2	< 2
COBALT UG/L	< 3.0	< 3.0	< 3.0	< 3.0	< 4.0	< 3.0	< .38	< 2.0	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	3.0	2.0	1.0	2.0	3.0	2.0	2.0	14	13
CYANIDE MG/L	0	0	0	.02	0	0	.01	0	0
DISS SOLIDS SUM MG/L	99	124	95	100	132	137	97	146	118
FLUORIDE MG/L	.10	.10	.10	.10	.10	.20	.20	0	0
GALLIUM UG/L	< 3.0	< .60	< 3.0	< 3.0	< 4.0	< 1.0	< .90	< 2.0	< 2.0
GERMANIUM UG/L	< 6.0	< 3.0	< 6.0	< 7.0	< 7.0	< 3.0	< 4.0	< 3.0	< 3.0
HARDNESS TOTAL MG/L	78	94	73	82	108	108	81	109	83
HARDNESS NONCARB MG/L	18	20	17	19	18	47	20	44	35
IRON UG/L	1000	520	580	1900	1500	610	1700	20	30
LEAD UG/L	< 3.0	28	< 2.0	< 3.0	< 4.0	< 2.0	< 2.0	2.0	< 2.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	--	.50	.50
MAGNESIUM MG/L	4.3	7.0	5.1	5.3	6.8	7.4	5.1	6.4	2.5
MANGANESE UG/L	33	53	55	< 74	61	70	36	2.0	4.0
MBAS MG/L	.02	.03	.02	.03	.02	.02	.01	.02	.02
MERCURY UG/L	< .50	.60	< .50	< .50	< .50	< .58	< .50	< .50	< .50
MOLYBDENUM UG/L	1.0	3.0	< .50	< 2.0	< 2.0	< .78	< .68	< .70	.80
NICKEL UG/L	4.0	4.0	3.0	< 5.0	6.0	4.0	5.0	3.0	4.0
NITRATE AS N MG/L	.20	.60	.50	.59	.85	.58	.20	.27	0
NITRITE AS N MG/L	--	--	--	--	--	--	--	0	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	.08	.07
NITROGEN NH4+ORG-N MG/L	.34	.26	.66	.99	.54	.20	.37	--	.01
PH UNITS	7.7	7.6	7.4	7.4	8.3	7.1	7.5	7.2	7.2
PHENOLS UG/L	12	3.0	0	--	--	--	--	0	0
PHOSPHORUS AS P MG/L	.08	.05	.07	.08	.07	.53	.05	.33	.46
POTASSIUM MG/L	1.6	1.6	1.7	1.0	1.9	1.8	.98	1.0	1.4
RUBIDIUM UG/L	--	--	--	--	--	--	--	.58	1.0
SELENIUM UG/L	4	11	6	0	2	2	6	1	2
SILICA MG/L	2.6	5.4	3.7	1.4	.20	4.5	3.4	3.9	1.0
SILVER UG/L	< .30	< .60	< .50	< .78	< .80	< .38	< .38	< .20	< .20
SODIUM MG/L	4.9	6.0	4.0	5.0	7.2	5.6	3.4	6.6	6.0
SPECIFIC COND UMHOS	174	218	172	185	232	234	174	242	214
STRONTIUM UG/L	120	180	100	160	150	120	110	180	110
SULFATE MG/L	20	26	18	18	21	41	18	44	39
TIN UG/L	< 3.0	< 7.0	< 6.0	< 3.0	< 7.0	< 3.0	< 3.0	< 2.0	< 3.0
TITANIUM UG/L	61	19	26	95	86	13	75	1.0	< 2.0
VANADIUM UG/L	2.0	1.0	< 3.0	4.0	4.0	< 2.0	3.0	< 2.0	2.0
ZINC UG/L	< 120	< 300	< 120	< 310	< 230	230	20	170	< 120
ZIRCONIUM UG/L	< 6.0	< 7.0	< 6.0	< 7.0	< 7.0	< 3.0	< 2.0	< 7.0	< 4.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ESSEX COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	435330073233001	IPC PLANT TICONDEROGA-LAKE CHAMPLAIN
B	442232073433700	JAY WD-ROCKY BRANCH BROOK
C	441132073471700	KEENE WD #2-SLIVE BROOK

SYSTEM(S) ON THIS PAGE	A	A	A	A	A	A	A	B	C
TYPE OF WATER SAMPLED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	DISTRBN	DISTRBN
DATE	10/15/71	01/20/72	04/06/72	07/12/72	10/17/72	01/11/73	04/17/73	07/27/72	08/10/72
ALUMINUM UG/L	41	34	48	58	39	30	24	110	360
ARSENIC UG/L	3	0	0	1	0	0	0	11	2
BARIUM UG/L	18	22	14	17	20	13	12	5.0	3.0
BERYLLIUM UG/L	< 1.0	< .70	< .40	< 1.0	< 2.0	< .60	< .70	< .60	< .30
BICARBONATE MG/L	55	50	43	--	79	94	50	30	14
BISMUTH UG/L	< 3.0	< 4.0	< 2.0	< 5.0	< 7.0	< 3.0	< 3.0	< 2.0	< 2.0
BORON UG/L	11	8.0	6.0	8.0	10	4.0	7.0	8.0	980
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	23	32	21	24	31	30	24	12	4.9
CARBONATE MG/L	0	0	0	--	0	0	0	0	0
CHLORIDE MG/L	8.5	28	7.7	10	11	7.5	8.0	1.5	.90
CHROMIUM UG/L	< 3	< 4	< 2	< 3	< 7	< 3	< 3	< 3	< 2
COBALT UG/L	< 3.0	< 4.0	< 2.0	< 3.0	< 3.0	< 3.0	< 3.0	< 2.0	.90
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	93	18	17	24	14	15	15	40	20
CYANIDE MG/L	0	0	0	0	0	0	.01	0	0
DISS SOLIDS SUM MG/L	101	147	101	76	138	126	103	57	31
FLUORIDE MG/L	.20	.30	.10	.10	.20	0	.20	.10	0
GALLIUM UG/L	< 3.0	< .70	< 2.0	< 3.0	< 3.0	< .90	< .70	< 2.0	< .70
GERMANIUM UG/L	< 5.0	< 4.0	< 5.0	< 5.0	< 7.0	< 3.0	< 4.0	< 3.0	< 2.0
HARDNESS TOTAL MG/L	74	110	72	90	105	104	81	37	16
HARDNESS NONCARB MG/L	29	69	37	--	41	27	40	12	4
IRON UG/L	15	18	24	28	14	12	10	74	26
LEAD UG/L	< 3.0	< 4.0	< 1.0	< 3.0	< 6.0	< 2.0	< 3.0	2.0	2.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	--	< 10	< 10
MAGNESIUM MG/L	4.0	7.3	4.8	4.4	6.8	7.0	5.0	1.7	.80
MANGANESE UG/L	1.0	2.0	40	3.0	< 3.0	2.0	1.0	5.0	2.0
MBAS MG/L	.02	.03	.05	.02	.02	.02	.01	.02	0
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	.90	.90	< .40	< 1.0	< 2.0	< .60	< .50	< .30	< .10
NICKEL UG/L	< 3.0	< 4.0	< 2.0	< 1.0	< 3.0	< 3.0	< 3.0	< .60	3.0
NITRATE AS N MG/L	.20	.50	.40	.06	.07	.00	.02	.10	.03
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	.59	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.26	.05	.11	.23	.19	.46	.08	.15	.19
PH UNITS	6.9	6.7	6.7	--	7.3	7.4	7.6	7.4	7.3
PHENOLS UG/L	3.0	0	1.0	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.32	.42	.25	.27	.32	.04	.34	.01	.01
POTASSIUM MG/L	1.3	1.6	1.7	1.0	1.6	1.1	.80	0	0
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	1	0	0	4	2	1	1	0
SILICA MG/L	6.5	5.1	3.3	1.9	.30	4.5	3.0	13	10
SILVER UG/L	< .20	< .70	< .40	< .50	< .70	< .30	< .30	< .30	< .10
SODIUM MG/L	5.1	6.6	4.3	5.2	7.2	5.2	4.2	2.0	1.4
SPECIFIC CND UMHOS	183	261	161	--	242	221	181	79	39
STRONTIUM UG/L	110	200	92	130	140	120	100	37	6.0
SULFATE MG/L	28	41	36	29	41	24	33	12	6.6
TIN UG/L	< 3.0	< 7.0	< 5.0	< 3.0	< 7.0	< 3.0	< 3.0	< 3.0	< 2.0
TITANIUM UG/L	< 1.0	< 2.0	1.0	< 3.0	< 3.0	< 2.0	< 1.0	2.0	4.0
VANADIUM UG/L	< 1.0	< 2.0	< 2.0	2.0	< 3.0	< 2.0	< 3.0	< .60	< .30
ZINC UG/L	200	390	130	230	220	300	--	< 120	< 47
ZIRCONIUM UG/L	< 5.0	8.0	< 5.0	< 5.0	< 7.0	< 3.0	< 2.0	< 3.0	17

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ESSEX COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	443011073285500	KEESEVILLE(V)-WUTTENNUT POND
B	441634073585000	LAKE PLACID(V)-LAKE PLACID
C	441637073335000	LEWIS MT SPRING COMPANY-SPRUCE MILL BROOK
D	434732073591200	MINERVA WD-SPRING AND WELL
E	440340073303200	MORIAH WD #1-BARTLETT POND
F	440340073300200	MORIAH WD #2-HOE POND
G	440303073270800	PORT HENRY(V)-BARTLETT BROOK
H	440303073270801	PORT HENRY(V)-BARTLETT BROOK

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	F	G	H
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	RAW	TREATED
DATE.....	09/16/71	08/04/71	08/10/72	10/17/72	01/11/73	09/16/71	09/21/72	09/16/71	09/16/71
ALUMINUM UG/L	13	13	65	20	56	48	100	69	58
ARSENIC UG/L	<	0	1	0	10	7	2	6	1
BARIUM UG/L	6.0	6.0	5.0	20	6.0	5.0	< 10	6.0	6.0
BERYLLIUM UG/L	< .40	< .10	< .60	< .08	< .40	< .20	< 2.0	< .20	< .20
BICARBONATE MG/L	34	0	39	127	25	27	122	30	32
BISMUTH UG/L	< 4.0	< .30	< 3.0	< 6.0	< 1.0	< 3.0	< 10	< 3.0	< 3.0
BORON UG/L	5.0	6.0	5.0	9.0	3.0	5.0	5.0	7.0	7.0
CADMIUM UG/L	0	0	0	1	0	0	1	0	1
CALCIUM MG/L	15	4.0	11	47	9.3	8.6	55	10	10
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	16	1.2	1.5	13	1.2	3.6	24	2.1	3.0
CHROMIUM UG/L	< 2	0	< 3	< 4	< 1	< 1	< 5	< 2	1
COBALT UG/L	< 2.0	< .20	< 2.0	< 2.0	< 1.0	< 1.0	< 5.0	< 2.0	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	94	12	8.0	7.0	310	120	5.0	110	64
CYANIDE MG/L	.01	0	.01	0	.02	0	--	0	0
DISS SOLIDS SUM MG/L	73	22	58	159	42	41	258	45	49
FLUORIDE MG/L	0	.10	0	.10	.10	.10	.10	.10	.10
GALLIUM UG/L	< .40	< .10	< 2.0	< 2.0	< .50	< .20	< 5.0	< .20	< .20
GERMANIUM UG/L	< 2.0	< .30	< 3.0	< 8.0	< 1.0	< 1.0	< 10	< 2.0	< 2.0
HARDNESS TOTAL MG/L	49	12	39	131	29	26	195	33	34
HARDNESS NONCARB MG/L	17	6	7	27	9	4	95	9	8
IRON UG/L	83	18	90	43	480	1100	140	340	1600
LEAD UG/L	2.0	1.0	2.0	3.0	2.0	4.0	< 5.0	3.0	10
LITHIUM UG/L	< 10	.20	< 10	< 10	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	2.7	.60	2.7	3.4	1.5	1.2	14	2.0	2.2
MANGANESE UG/L	11	27	10	2.0	16	56	7.0	36	51
MBAS MG/L	.03	.01	.01	.01	.03	.04	.02	.02	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .40	< .10	< .30	< .40	< .50	< .20	< 3.0	< .20	< .20
NICKEL UG/L	< 2.0	1.0	9.0	< 2.0	< 1.0	3.0	< 5.0	2.0	6.0
NITRATE AS N MG/L	0	.10	.10	.20	.08	0	3.3	.10	.10
NITRITE AS N MG/L	--	0	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	.04	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.26	.30	.20	.18	.29	.51	.03	.34	.45
PH UNITS	6.9	6.7	7.6	7.9	7.1	7.1	8.1	7.1	6.9
PHENOLS UG/L	0	2.0	--	--	--	0	--	0	0
PHOSPHORUS AS P MG/L	.01	0	.05	.00	.01	.03	.01	.02	.03
POTASSIUM MG/L	.40	.40	.10	.70	0	.20	1.2	.20	.30
RUBIDIUM UG/L	--	.40	--	--	--	--	--	--	--
SELENIUM UG/L	2	4	2	1	8	8	2	0	3
SILICA MG/L	1.0	2.6	14	14	5.9	2.9	15	5.6	6.4
SILVER UG/L	< .20	< .10	< .30	< .40	< .10	< .10	< 1.0	< .10	< .10
SODIUM MG/L	6.5	.90	1.7	3.0	1.4	3.5	15	1.6	1.7
SPECIFIC COND UMHOS	134	38	84	266	65	71	430	71	80
STRONTIUM UG/L	65	19	33	120	29	46	160	46	45
SULFATE MG/L	12	8.1	8.0	14	10	7.7	78	8.0	9.2
TIN UG/L	< 4.0	< .30	< 3.0	< 4.0	< 1.0	< 3.0	< 10	< 3.0	< 3.0
TITANIUM UG/L	< 2.0	.20	2.0	< 2.0	< 1.0	2.0	< 5.0	3.0	3.0
VANADIUM UG/L	< .80	< .20	.90	< 2.0	< 1.0	< .50	< 5.0	.70	.50
ZINC UG/L	< 170	< 15	190	330	610	340	330	< 110	580
ZIRCONIUM UG/L	< 4.0	< .70	< 2.0	< 8.0	< 2.0	< 3.0	< 10	< 3.0	< 3.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ESSEX COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	434857073462100	SCHROON LAKE WH-HORSESHOE POND
B	435056073252300	TICONDEROGA(V)-GOOSE NECK POND
C	441800073251400	WESTPORT(V)-PECK AND ROOLEY SPRINGS
D	442339073233700	WILLSBORO WD #2-LAKE CHAMPLAIN
E	442339073233701	WILLSBORO WD #2-LAKE CHAMPLAIN

SYSTEM(S) ON THIS PAGE..	A	B	C	D	D	D	D	D	E
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	RAW	RAW	RAW	RAW	RAW	TREATED
DATE.....	10/11/72	09/16/71	07/11/73	01/19/71	07/16/71	10/14/71	01/21/72	04/06/72	01/19/71
ALUMINUM UG/L	45	12	8.0	16	35	16	34	79	8.0
ARSENIC UG/L	0	3	0	0	0	0	0	0	0
BARIUM UG/L	4.0	7.0	1.0	8.0	10	9.0	9.0	< 10	9.0
BERYLLIUM UG/L	< .30	< .30	< .60	< .30	< .40	< .40	< .40	< .50	< .30
BICARBONATE MG/L	14	36	60	60	58	57	61	64	60
BISMUTH UG/L	< 2.0	< 3.0	< 2.0	< 2.0	< .80	< 2.0	< 2.0	< 3.0	< 2.0
BORON UG/L	3.0	6.0	3.0	11	4.0	9.0	8.0	8.0	10
CADMIUM UG/L	--	0	0	1	0	0	0	0	0
CALCIUM MG/L	6.0	12	16	19	16	16	19	19	19
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	4.7	3.7	.75	8.5	6.1	6.4	6.2	6.2	6.0
CHROMIUM UG/L	< 2	< 2	< 1	< 2	< 1	< 2	< 2	< 3	< 2
COBALT UG/L	< .70	< 2.0	< .80	< 2.0	< .80	< .90	< 2.0	< 3.0	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	370	40	100	7.0	2.0	2.0	4.0	1.0	7.0
CYANIDE MG/L	0	0	.02	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	31	52	73	94	77	81	84	84	83
FLUORIDE MG/L	.10	.10	.10	0	0	.10	.10	.10	.10
GALLIUM UG/L	< .70	< .30	< .90	< .90	< .80	< .90	< .40	< 3.0	< .80
GERMANIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0
HARDNESS TOTAL MG/L	19	40	56	62	61	60	67	66	62
HARDNESS NONCARB MG/L	7	10	7	13	14	13	17	13	13
IRON UG/L	140	190	18	13	42	31	45	76	11
LEAD UG/L	2.0	7.0	< 1.0	3.0	1.0	< 4.0	5.0	< 1.0	1.0
LITHIUM UG/L	< 10	< 10	0	.70	.60	< 10	< 10	< 10	.50
MAGNESIUM MG/L	.90	2.4	4.0	3.5	4.0	3.7	4.7	4.5	3.5
MANGANESE UG/L	22	6.0	< 1.0	2.0	4.0	5.0	4.0	9.0	< .80
MBAS MG/L	.03	.01	0	.02	--	.01	.03	.01	.02
MERCURY UG/L	--	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	.20	.30	< 1.0	.90	.50	< .90	.70	< .50	.50
NICKEL UG/L	.90	2.0	< .80	4.0	2.0	< 2.0	< 2.0	< 3.0	< 2.0
NITRATE AS N MG/L	0	0	.09	.18	.19	.18	.20	.20	.18
NITRITE AS N MG/L	--	--	.09	.01	.01	--	--	--	.01
NITROGEN AMM AS N MG/L	--	--	--	.07	.17	--	--	--	.05
NITROGEN AMM+ORG-N MG/L	.31	.27	.06	--	.09	.35	.16	.16	--
PH UNITS	6.5	7.3	7.6	8.0	7.8	7.8	7.5	7.5	7.9
PHENOLS UG/L	--	0	--	0	2.0	2.0	2.0	1.0	--
PHOSPHORUS AS P MG/L	.01	.02	.01	.04	.01	.05	.02	.02	.04
POTASSIUM MG/L	.10	.40	.30	.90	1.0	1.1	1.2	1.2	.80
RUBIDIUM UG/L	--	--	--	2.0	1.0	--	--	--	2.0
SELENIUM UG/L	4	0	0	1	4	0	2	1	2
SILICA MG/L	3.9	1.2	11	1.4	.40	.70	1.3	2.2	1.4
SILVER UG/L	< .20	< .10	< .20	.40	< .20	< .20	< .40	< .50	< .10
SODIUM MG/L	1.4	2.3	1.7	6.0	4.5	4.6	5.1	4.8	5.3
SPECIFIC CONDU UMHOS	50	94	119	152	143	142	152	159	147
STRONTIUM UG/L	24	48	36	84	64	64	98	80	84
SULFATE MG/L	7.2	12	10	15	14	14	16	15	15
TIN UG/L	< 2.0	< 3.0	< 2.0	< 2.0	< 2.0	< 2.0	< 5.0	< 5.0	< 2.0
TITANIUM UG/L	2.0	< 2.0	< 2.0	2.0	< 2.0	< .90	2.0	4.0	1.0
VANADIUM UG/L	< .70	< .60	< 1.0	< 1.0	< .80	< .90	< 1.0	< 3.0	< 1.0
ZINC UG/L	< 43	< 130	20	< 90	< 75	< 84	< 210	< 98	< 85
ZIRCONIUM UG/L	< 2.0	< 3.0	< 3.0	< 5.0	< 4.0	< 4.0	< 5.0	< 5.0	< 4.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ESSEX COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	442339073233701	WILLSBORO WD #2-LAKE CHAMPLAIN
B	442339073233702	WILLSBORO WD #2-LAKE CHAMPLAIN
C	442320073484500	WILMINGTON WD-WHITE BROOK
D	435703074051302	WINEBROOK HILLS INTAKE-HUDSON RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	B	C	D	D	D
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	DISTRBN	DISTRBN	RAW	RAW	RAW
DATE.....	07/16/71	10/14/71	01/21/72	04/06/72	07/26/72	07/11/73	05/23/74	08/07/74	06/19/74
ALUMINUM UG/L	8.0	8.0	7.0	10	11	75	260	190	250
ARSENIC UG/L	0	3	0	4	0	10	1	0	< 1
BARIUM UG/L	11	8.0	9.0	< 9.0	11	2.0	11	10	9.0
BERYLLIUM UG/L	< .40	< .40	< .40	< .40	< 1.0	< .30	< .20	< .20	< .30
BICARBONATE MG/L	58	59	58	57	49	19	6	11	7
BISMUTH UG/L	< .80	< 2.0	< 2.0	< 2.0	< 3.0	< .98	< .80	< .90	< .80
BORON UG/L	7.0	8.0	6.0	7.0	5.0	4.0	7.0	7.0	7.0
CADMIUM UG/L	0	0	0	0	1	1	0	1	0
CALCIUM MG/L	17	19	18	17	18	5.9	5.6	5.4	6.0
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	8.2	7.5	6.5	7.0	7.0	1.5	3.0	3.5	4.5
CHROMIUM UG/L	< 1	< 2	< 2	< 2	< 5	< 1	< 1	< 1	< 1
COBALT UG/L	< .80	< .90	< 2.0	< 2.0	< 3.0	< .40	< .80	< .90	< .80
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	28	20	9.0	74	6.0	360	.80	.50	.30
CYANIDE MG/L	0	0	0	0	0	.01	0	0	0
DISS SOLIDS SUM MG/L	86	88	80	81	79	37	35	38	39
FLUORIDE MG/L	.10	.10	.10	.10	.10	.10	.20	.30	.30
GALLIUM UG/L	< .80	< .90	< .40	< 2.0	< 3.0	< .40	< .20	< .20	< .20
GERMANIUM UG/L	< 2.0	< 2.0	< 2.0	< 5.0	< 5.0	< .98	< .80	< .90	< .80
HARDNESS TOTAL MG/L	54	62	63	60	61	18	19	18	21
HARDNESS NONCARB MG/L	12	14	15	13	13	2	14	9	15
IRON UG/L	83	13	21	11	81	41	150	160	140
LEAD UG/L	4.0	< 5.0	< 2.0	< .90	< 3.0	5.0	1.0	1.0	< .40
LITHIUM UG/L	.50	< 10	< 10	< 10	< 10	0	.30	.30	.20
MAGNESIUM MG/L	4.1	3.6	4.4	4.3	4.0	.70	1.2	1.2	1.5
MANGANESE UG/L	3.0	< .90	< .90	< 2.0	5.0	3.0	28	23	26
MBAS MG/L	.03	.02	.03	.01	.02	0	.02	.06	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	.60	.50	.60	< .40	< .50	< .40	< .20	< .20	< .40
NICKEL UG/L	3.0	< 2.0	< 2.0	< 2.0	< 1.0	< .40	.80	1.0	1.0
NITRATE AS N MG/L	.18	.10	.20	.20	.18	.14	.52	.42	.43
NITRITE AS N MG/L	.01	--	--	--	--	.00	.01	.01	.01
NITROGEN NH4 AS N MG/L	.15	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.11	.20	.14	.16	.18	.05	.18	.14	.14
PH UNITS	7.8	7.9	7.5	7.9	7.8	7.2	6.6	6.6	7.0
PHENOLS UG/L	<.0	3.0	8.0	0	--	--	--	--	--
PHOSPHORUS AS P MG/L	.02	.03	.02	.01	.02	.00	.01	.01	.01
POTASSIUM MG/L	1.0	1.1	1.2	1.1	1.0	.10	.30	.30	.30
RUBIDIUM UG/L	1.0	--	--	--	--	--	--	--	--
SELENIUM UG/L	4	0	1	1	1	0	0	2	1
SILICA MG/L	.50	.90	1.4	1.5	.60	13	5.9	6.5	5.6
SILVER UG/L	< .20	< .20	< .40	< .40	< .50	< .10	< .10	< .10	< .10
SODIUM MG/L	6.1	5.5	5.5	5.9	5.2	2.5	2.9	3.0	3.3
SPECIFIC COND UMHOS	152	149	148	155	150	47	65	63	63
STRONTIUM UG/L	66	86	95	78	91	18	32	30	33
SULFATE MG/L	14	13	14	15	14	4.0	12	12	14
TIN UG/L	< 2.0	< 2.0	< 5.0	< 5.0	< 5.0	< 1.0	< .80	< .90	< .80
TITANIUM UG/L	< 2.0	< .90	< .90	< .90	< 1.0	1.0	2.0	1.0	3.0
VANADIUM UG/L	< .80	< .90	< .90	< 2.0	< 1.0	< .40	< .50	.50	< .40
ZINC UG/L	120	< 80	< 200	< 89	480	230	40	0	10
ZIRCONIUM UG/L	< 4.0	< 5.0	< 5.0	< 5.0	< 5.0	< 2.0	< .40	< 1.0	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ESSEX COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	435703074051302	WINEBROOK HILLS INTAKE-HUDSON RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	07/05/74	07/15/74	07/30/74	08/14/74	08/26/74	09/12/74	09/23/74	10/09/74	10/21/74
ALUMINUM UG/L	380	270	220	140	110	95	220	150	170
ARSENIC UG/L	1	1	0	0	2	0	0	0	< 1
BARIUM UG/L	10	7.0	9.0	10	10	10	11	9.0	9.0
BERYLLIUM UG/L	< .30	< .30	< .30	< .30	< .30	< .20	< .10	< .10	< .70
BICARBONATE MG/L	9	9	11	17	13	20	13	14	8
BISMUTH UG/L	< .80	< .70	< .80	< 1.0	< 2.0	< .50	< .40	< .40	< 3.0
BORON UG/L	9.0	9.0	8.0	8.0	9.0	8.0	7.0	8.0	6.0
CADMIUM UG/L	0	0	0	0	0	0	2	0	0
CALCIUM MG/L	6.4	4.5	8.5	7.2	9.5	14	8.4	7.5	6.5
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	3.4	1.5	5.2	6.4	6.7	10	6.6	5.2	4.5
CHROMIUM UG/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
COBALT UG/L	< .80	< .70	< .50	< .40	< 1.0	< .50	< .20	< .30	< .30
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	.70	.50	.40	.40	.40	.50	.50	.30	.50
CYANIDE MG/L	.01	0	0	0	.01	0	0	.01	0
DISS SOLIDS SUM MG/L	42	31	52	53	63	79	54	50	45
FLUORIDE MG/L	.30	.30	.40	.40	.20	.90	.10	.30	.30
GALLIUM UG/L	< .40	< .40	< .50	< .40	< .40	< .20	< .20	< .10	< .20
GERMANIUM UG/L	< 1.0	< .90	< 2.0	< 1.0	< 2.0	< .50	< .40	< .40	< .30
HARDNESS TOTAL MG/L	22	15	27	26	35	48	30	24	23
HARDNESS NONCARB MG/L	14	8	18	12	25	32	19	12	16
IRON UG/L	280	290	300	310	250	260	280	250	210
LEAD UG/L	< .80	< .70	1.0	< 1.0	< 2.0	.60	.80	1.0	.70
LITHIUM UG/L	.30	.30	.20	.30	.40	.30	.20	< .20	.20
MAGNESIUM MG/L	1.4	.90	1.4	1.9	2.8	3.2	2.2	1.2	1.6
MANGANESE UG/L	33	25	23	17	13	12	23	17	21
MBAS MG/L	.04	.04	.01	.03	.03	.02	.02	.02	.02
MERCURY UG/L	2.6	< .50	< .50	< .50	< .50	.50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .20	< .20	< .40	.30	.40	.40	.20	.10	.20
NICKEL UG/L	3.0	1.0	1.0	.90	.80	.60	1.0	1.0	.70
NITRATE AS N MG/L	.35	.42	.32	.33	.33	.18	.39	.39	.41
NITRITE AS N MG/L	0	.01	.01	0	0	0	0	0	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.22	.20	.25	.17	.14	.10	.17	.12	.10
PH UNITS	6.9	6.3	6.9	6.8	7.4	7.2	7.0	6.8	6.5
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.01	.01	.01	.01	0	.01	0	0	.01
POTASSIUM MG/L	.30	.40	.30	.20	.90	0	.40	.50	.20
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	2	1	1	0	< 2	2	2	< 2	2
SILICA MG/L	5.8	6.9	6.8	7.3	7.2	7.9	6.9	7.4	7.3
SILVER UG/L	< .10	< .10	< .10	< .10	< .20	< .05	< .04	< .04	< .03
SODIUM MG/L	2.9	2.1	4.4	4.5	5.7	6.5	5.0	4.0	3.5
SPECIFIC COND UMHOS	62	57	80	84	110	122	88	81	77
STRONTIUM UG/L	55	37	58	57	78	82	75	56	54
SULFATE MG/L	17	10	19	16	23	26	18	17	17
TIN UG/L	< 1.0	< .90	< 1.0	< .80	< 1.0	< .50	< .40	< .40	< .30
TITANIUM UG/L	7.0	60	4.0	1.0	1.0	1.0	1.0	2.0	2.0
VANADIUM UG/L	.70	.60	.50	< .60	.60	< .50	.40	.40	< .30
ZINC UG/L	20	20	0	10	20	0	0	30	20
ZIRCONIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< .70	< .70	< .60	< .50

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ESSEX COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	435703074051302	WINERROOK HILLS INTAKE-HUDSON RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	11/07/74	11/21/74	12/05/74	12/17/74	01/03/75	01/13/75	01/27/75	02/14/75	02/28/75
ALUMINUM UG/L	260	3300	170	230	130	140	140	120	1100
ARSENIC UG/L	1	0	0	0	0	1	0	0	0
BARIUM UG/L	11	20	10	8.0	10	6.0	10	8.0	14
BERYLLIUM UG/L	< .10	< .00	< .10	< .30	< .30	< .20	< .30	< .10	< .10
BICARBONATE MG/L	11	3	10	7	13	10	13	15	13
BISMUTH UG/L	< .40	< .40	< .40	< .00	< 2.0	< .90	< 2.0	< .30	< .30
BORON UG/L	6.0	11	7.0	4.0	5.0	4.0	6.0	6.0	7.0
CADMIUM UG/L	0	0	0	1	0	0	1	1	0
CALCIUM MG/L	7.5	5.4	12	6.0	10	6.7	9.0	10	7.3
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	4.7	1.0	3.7	2.5	7.1	1.7	8.6	7.0	6.4
CHROMIUM UG/L	< 1	1	< 1	< 1	< 2	< 1	< 1	< 1	1
COBALT UG/L	< .40	2.0	< .40	< .90	< 1.0	< .90	< 2.0	< .20	1.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	.80	2.0	.50	.30	.50	.30	.40	.50	1.0
CYANIDE MG/L	0	.01	.01	.01	.01	0	.01	0	.01
DISS SOLIDS SUM MG/L	47	27	52	37	61	40	62	66	52
FLUORIDE MG/L	.30	.30	.00	.30	.50	.30	.50	.60	.40
GALLIUM UG/L	< .20	.20	< .20	< .40	< .60	< .30	< .60	< .10	.20
GERMANIUM UG/L	< .40	< .40	< .40	< .90	< 2.0	< 1.0	< 2.0	< .50	< .50
HARDNESS TOTAL MG/L	25	16	37	20	31	23	32	35	26
HARDNESS NONCARB MG/L	16	13	29	15	20	15	22	23	15
IRON UG/L	250	1800	230	190	230	180	240	200	600
LEAD UG/L	2.0	2.0	.60	< .30	< 2.0	1.0	1.0	.50	1.0
LITHIUM UG/L	< .20	1.0	< .20	.10	.20	< .40	< .30	< .30	.30
MAGNESIUM MG/L	1.6	.60	1.8	1.3	1.4	1.0	2.4	2.5	1.8
MANGANESE UG/L	25	150	35	32	22	22	26	18	45
MBAS MG/L	.03	.04	0	0	0	0	0	0	0
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	.10	< .00	.20	< .40	< .50	< .30	< .60	.20	< .20
NICKEL UG/L	.90	1.0	.50	.00	< 2.0	.50	1.0	2.0	2.0
NITRATE AS N MG/L	.57	.60	.63	.63	.57	.05	.64	.65	.73
NITRITE AS N MG/L	0	0	.01	0	0	.01	0	.01	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.15	.57	.19	.15	.35	.71	.23	.20	.18
PH UNITS	6.7	6.6	7.1	6.8	6.6	6.6	6.5	7.1	6.9
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.01	.08	.01	.01	0	.01	.01	.01	.02
POTASSIUM MG/L	.20	.20	.20	0	0	.10	.10	.70	.60
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	0	0	0	2	0	1	1
SILICA MG/L	7.3	7.0	7.8	8.0	8.8	8.5	9.1	9.7	7.4
SILVER UG/L	< .04	< .04	< .04	< .08	< .20	< .10	< .20	< .05	< .05
SODIUM MG/L	3.5	1.5	3.8	2.5	5.5	2.5	6.3	6.1	5.0
SPECIFIC COND UMHOS	75	38	90	64	107	61	120	122	95
STRONTIUM UG/L	67	34	52	42	66	38	72	67	65
SULFATE MG/L	16	8.8	17	12	21	13	19	21	16
TIN UG/L	< .40	< .40	< .40	< .00	< 2.0	< 1.0	< 2.0	< .50	< .50
TITANIUM UG/L	3.0	150	1.0	2.0	2.0	1.0	2.0	2.0	50
VANADIUM UG/L	< .40	1.0	< .20	< .00	< .70	< .40	< 1.0	< .30	2.0
ZINC UG/L	20	10	30	20	10	40	10	0	20
ZIRCONIUM UG/L	< .60	.90	< .80	< 2.0	< 2.0	< 2.0	< 2.0	< .70	< .70

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ESSEX COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	435703074051302	WINEBROOK HILLS INTAKE-HUDSON RIVER
B	435703074051301	WINEBROOK HILLS INTAKE-HUDSON RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	B	B	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	TREATED	TREATED	TREATED	TREATED
DATE.....	03/12/75	03/28/75	04/14/75	04/29/75	05/08/75	05/23/74	06/07/74	06/19/74	07/05/74
ALUMINUM UG/L	100	200	140	370	550	270	190	260	280
ARSENIC UG/L	0	1	1	0	0	0	< 1	0	1
BARIUM UG/L	8.0	10	10	11	9.0	11	9.0	10	8.0
BERYLLIUM UG/L	< .10	< .10	< .20	< .07	< .04	< .20	< .20	< .30	< .30
BICARBONATE MG/L	13	8	11	4	5	3	5	5	4
BISMUTH UG/L	< .40	< .40	< .50	< .30	< .20	< .90	< .90	< 1.0	< .70
BORON UG/L	--	5.0	6.0	6.0	7.0	7.0	8.0	8.0	10
CADMIUM UG/L	0	0	0	0	0	0	1	0	0
CALCIUM MG/L	8.3	8.2	10	5.8	4.0	10	5.0	7.0	5.0
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	9.4	8.6	13	2.3	3.9	6.5	5.8	7.9	2.8
CHROMIUM UG/L	< 1	< 1	< 1	< 1	< 1	1	0	1	1
COBALT UG/L	< .40	< .40	< .30	.50	.40	< .90	< .90	< 1.0	< .70
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	4.0	.50	.60	.30	.50	9.0	13	9.0	17
CYANIDE MG/L	.01	0	.01	.02	.01	0	0	0	0
DISS SOLIDS SUM MG/L	60	51	71	33	26	45	45	45	31
FLUORIDE MG/L	.40	.40	.40	.30	.20	.30	.50	.30	.20
GALLIUM UG/L	< .20	< .20	< .30	< .20	< .08	< .20	< .20	< .20	< .40
GERMANIUM UG/L	< .40	< .60	< .60	< .30	< .20	< .90	< .90	< 1.0	< .90
HARDNESS TOTAL MG/L	28	25	36	19	12	31	17	24	19
HARDNESS NONCARB MG/L	17	19	27	15	8	28	12	20	16
IRON UG/L	180	150	190	140	150	180	220	250	530
LEAD UG/L	2.0	.60	.60	1.0	.50	3.0	3.0	2.0	6.0
LITHIUM UG/L	< .10	< .30	< .40	.20	.20	.30	.30	.30	.40
MAGNESIUM MG/L	1.8	1.2	2.7	1.0	.40	1.4	1.0	1.7	1.7
MANGANESE UG/L	20	20	26	32	30	30	21	40	32
MBAS MG/L	0	0	0	0	0	.06	.10	.04	.06
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .20	< .20	.20	.20	< .06	.60	.30	1.0	< .30
NICKEL UG/L	.60	1.0	1.0	1.0	.80	1.0	1.0	2.0	3.0
NITRATE AS N MG/L	.69	.91	.83	.94	.67	.51	.41	.43	.29
NITRITE AS N MG/L	.01	.01	.01	.01	.03	.01	0	.01	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.42	.18	.06	.09	.11	.45	.06	.09	.20
PH UNITS	6.9	6.7	7.0	6.7	6.6	6.0	6.6	6.5	6.5
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.02	0	0	.01	.01	.58	1.2	.03	.03
POTASSIUM MG/L	.30	.20	.30	.20	.20	.30	.30	.40	.28
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	0	0	0	0	2	1	3
SILICA MG/L	8.9	7.8	8.8	6.4	5.4	5.9	6.6	5.8	6.0
SILVER UG/L	< .05	< .05	< .08	< .05	< .03	< .10	< .10	< .10	< .10
SODIUM MG/L	6.0	4.8	8.0	2.2	1.3	3.4	3.3	3.6	1.5
SPECIFIC COND UMHOS	103	93	128	56	40	68	63	69	50
STRONTIUM UG/L	57	78	85	48	27	36	38	40	46
SULFATE MG/L	18	16	22	12	7.6	15	18	15	11
TIN UG/L	< .40	< .40	< .50	< .30	< .20	< .90	< 1.0	< 1.0	< .90
TITANIUM UG/L	.80	2.0	2.0	3.0	6.0	3.0	1.0	6.0	2.0
VANADIUM UG/L	< .50	< .40	.60	.30	.30	2.0	1.0	2.0	2.0
ZINC UG/L	0	10	10	10	10	70	20	40	20
ZIRCONIUM UG/L	< .60	< 1.0	< 1.0	< .90	< .40	< .90	< 1.0	< 2.0	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ESSEX COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	435703074051301	WINEBROOK HILLS INTAKE-HUDSON RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	07/15/74	07/30/74	08/14/74	08/28/74	09/12/74	09/23/74	10/09/74	10/21/74	11/07/74
ALUMINUM UG/L	75	160	110	76	220	200	160	140	180
ARSENIC UG/L	1	< 1	0	2	< 1	0	0	0	1
BARIUM UG/L	9.0	9.0	10	9.0	11	9.0	10	9.0	12
BERYLLIUM UG/L	< .40	< .30	< .30	< .30	< .20	< .10	< .10	< .70	< .10
BICARBONATE MG/L	7	5	6	9	15	4	7	4	3
BISMUTH UG/L	< 1.0	< .80	< 1.0	< 2.0	< .60	< .30	< .40	< 3.0	< .40
BORON UG/L	8.0	8.0	9.0	8.0	8.0	10	9.0	6.0	8.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	9.5	7.5	7.5	9.5	13	8.1	7.5	8.5	7.5
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	11	8.2	9.5	9.5	13	8.4	7.8	7.8	8.8
CHROMIUM UG/L	< 1	1	1	1	1	1	1	1	< 1
COBALT UG/L	< 1.0	< .80	< .80	< 1.0	< .60	< .20	< .30	< .30	< .40
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	3.0	12	10	5.0	5.0	7.0	3.0	3.0	8.0
CYANIDE MG/L	0	0	0	0	.01	0	.01	0	0
DISS SOLIDS SUM MG/L	61	50	50	64	81	38	50	46	45
FLUORIDE MG/L	.40	.40	.50	.00	.80	.10	.30	.40	.30
GALLIUM UG/L	< .50	< .60	< .40	< .40	< .20	< .20	< .10	< .20	< .20
GERMANIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< .60	< .30	< .40	< .30	< .40
HARDNESS TOTAL MG/L	31	26	26	35	46	21	24	23	25
HARDNESS NONCARB MG/L	25	22	21	27	33	18	18	20	22
IRON UG/L	220	480	1000	310	380	370	280	280	200
LEAD UG/L	< 1.0	3.0	4.0	3.0	1.0	2.0	1.0	1.0	4.0
LITHIUM UG/L	.30	.30	.30	.30	< .30	.28	< .20	.20	< .20
MAGNESIUM MG/L	1.8	1.8	1.8	2.7	3.2	1.4	1.2	1.6	1.5
MANGANESE UG/L	8.0	31	35	18	20	23	22	25	28
MBAS MG/L	.05	.03	.04	.05	.04	.04	.04	.04	.04
MERCURY UG/L	< .50	< .50	< .50	< .50	.50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .30	1.0	1.0	.50	.60	.30	.30	.30	.20
NICKEL UG/L	< .90	2.0	1.0	.80	1.0	1.0	1.0	.80	.80
NITRATE AS N MG/L	.42	.34	.34	.33	.18	.34	.39	.41	.55
NITRITE AS N MG/L	.01	.01	0	0	0	0	0	0	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.18	.17	.14	.10	.04	.06	.10	.12	.15
PH UNITS	7.5	6.4	6.6	6.8	6.7	6.2	6.4	6.8	6.5
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.03	.01	.01	0	.01	.01	.01	.01	0
POTASSIUM MG/L	.40	.20	.30	1.0	0	.58	.69	.30	.20
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	< 1	0	2	< 2	2	< 2	< 2	0
SILICA MG/L	7.0	6.9	7.1	7.2	9.9	7.3	7.4	7.4	7.3
SILVER UG/L	< .20	< .20	< .20	< .20	< .06	< .03	< .04	< .03	< .04
SODIUM MG/L	6.0	4.6	4.5	5.7	7.0	2.4	4.0	3.7	3.5
SPECIFIC COND UMHOS	102	87	90	120	126	63	81	77	77
STRONTIUM UG/L	75	56	68	70	81	62	52	46	62
SULFATE MG/L	21	18	16	23	27	11	17	17	16
TIN UG/L	< 2.0	< 2.0	< .80	< 1.0	< .60	< .30	< .40	< .30	< .40
TITANIUM UG/L	< 1.0	3.0	.70	.70	10	< .20	3.0	3.0	1.0
VANADIUM UG/L	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	< .40
ZINC UG/L	10	0	10	110	0	20	20	20	70
ZIRCONIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< .80	< .50	< .60	< .50	< .60

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ESSEX COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND MAP SOURCE OF WATER SAMPLED
	A	435703074051301	WINEBROOK HILLS INTAKE-HUDSON RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	11/21/74	12/05/74	12/17/74	01/03/75	01/13/75	01/27/75	02/14/75	02/28/75	03/12/75
ALUMINUM UG/L	110	130	150	120	100	83	97	110	86
ARSENIC UG/L	0	0	1	1	0	0	0	0	0
BARIUM UG/L	9.0	9.0	8.0	8.0	7.0	10	9.0	8.0	8.0
BERYLLIUM UG/L	< .07	< .10	< .30	< .30	< .20	< .30	< .10	< .10	< .10
BICARBONATE MG/L	10	6	4	15	6	10	13	12	9
BISMUTH UG/L	< .30	< .40	< .70	< 2.0	< .90	< 2.0	< .40	< .30	< .40
BORON UG/L	6.0	6.0	4.0	5.0	5.0	5.0	6.0	5.0	5.0
CADMIUM UG/L	0	0	1	0	1	0	1	0	0
CALCIUM MG/L	6.0	7.8	6.7	10	6.5	9.4	12	9.4	8.6
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	4.9	5.9	4.9	7.2	3.7	11	10	11	12
CHROMIUM UG/L	0	1	< 1	< 2	< 1	< 1	< 1	0	< 1
COBALT UG/L	< .20	< .40	< .80	< 1.0	< .90	< 2.0	.20	< .50	< .40
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	4.0	5.0	5.0	3.0	3.0	3.0	6.0	3.0	3.0
CYANIDE MG/L	.01	.02	.01	.01	.01	.01	.01	.01	.01
DISS SOLIDS SUM MG/L	43	48	42	63	41	84	69	65	60
FLUORIDE MG/L	.20	.50	.30	.60	.40	.40	.50	.50	.70
GALLIUM UG/L	< .10	< .20	< .40	< .40	< .30	< .50	< .10	< .10	< .20
GERMANIUM UG/L	< .30	< .40	< .80	< 2.0	< 1.0	< 2.0	< .50	< .50	< .40
HARDNESS TOTAL MG/L	20	27	23	35	23	33	39	33	28
HARDNESS NONCARB MG/L	11	22	20	23	14	25	28	23	20
IRON UG/L	200	220	310	210	180	180	900	130	180
LEAD UG/L	2.0	3.0	1.0	< 2.0	1.0	1.0	1.0	1.0	1.0
LITHIUM UG/L	< .20	< .20	.10	.20	< .40	< .20	< .30	< .30	< .10
MAGNESIUM MG/L	1.1	1.8	1.6	2.4	1.6	2.3	2.2	2.2	1.5
MANGANESE UG/L	23	38	38	23	20	18	32	28	15
MBAS MG/L	.06	0	0	0	0	0	0	0	0
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	.20	.30	< .40	< .40	< .30	< .80	.30	.30	< .20
NICKEL UG/L	.60	.50	.70	< 2.0	.50	1.0	1.0	.40	.50
NITRATE AS N MG/L	.47	.64	.65	.58	.64	.61	.64	.75	.71
NITRITE AS N MG/L	0	0	0	0	.01	0	0	0	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.17	.12	.19	.12	.11	.14	.06	.10	.33
PH UNITS	7.0	6.4	6.8	6.4	6.5	6.3	7.2	6.8	6.8
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.01	.01	.01	.01	0	.01	.01	.01	.02
POTASSIUM MG/L	.20	.20	0	.10	.10	.10	.70	.70	.40
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	0	0	0	1	1	0	0
SILICA MG/L	7.4	7.8	8.0	8.6	8.6	9.3	9.3	7.5	8.7
SILVER UG/L	< .03	< .04	< .07	< .20	< .10	< .20	< .05	< .05	< .05
SODIUM MG/L	3.0	3.9	2.7	5.2	2.5	6.5	6.4	6.4	6.0
SPECIFIC COND UMHOS	87	87	86	112	67	120	120	110	107
STRONTIUM UG/L	48	51	38	62	41	70	75	77	58
SULFATE MG/L	15	17	15	21	14	19	21	21	17
TIN UG/L	< .30	< .40	< .70	< 2.0	< 1.0	< 2.0	< .50	< .50	< .40
TITANIUM UG/L	.50	.40	< .70	2.0	.90	< 2.0	< .40	.50	.50
VANADIUM UG/L	.00	.40	1.0	1.0	< .40	< 1.0	1.0	.80	< .50
ZINC UG/L	20	20	20	10	10	10	10	10	10
ZIRCONIUM UG/L	< .50	< .80	< 2.0	< 2.0	< 2.0	< 2.0	< .70	< .70	< .60

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ESSEX COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND MAJOR SOURCE OF WATER SAMPLED
	A	435703074051301	WINEBROOK HILLS INTAKE-HUDSON RIVER
	B	435703074051308	WINEBROOK HILLS-SPRINGFED POND

SYSTEM(S) ON THIS PAGE..	A	A	A	A	B
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	DISTRBN
DATE.....	03/28/75	04/14/75	04/29/75	05/08/75	10/17/72
ALUMINUM UG/L	120	110	190	290	79
ARSENIC UG/L	1	0	1	0	1
BARIUM UG/L	10	11	8.0	10	7.0
BERYLLIUM UG/L	< .10	< .20	< .05	< .04	< .30
BICARBONATE MG/L	9	7	2	1	13
BISMUTH UG/L	< .40	< .50	< .20	< .20	< 1.0
BORON UG/L	5.0	6.0	5.0	7.0	6.0
CADMIUM UG/L	0	0	0	0	0
CALCIUM MG/L	11	10	5.5	4.3	10
CARBONATE MG/L	0	0	0	0	0
CHLORIDE MG/L	10	15	5.2	6.1	10
CHROMIUM UG/L	< 1	1	1	< 1	< 1
COBALT UG/L	< .40	< .30	.20	< .10	< .50
COLIFORM COL/100 ML	--	--	--	--	--
COPPER UG/L	2.0	5.0	5.0	7.0	430
CYANIDE MG/L	0	.01	.01	.01	0
DISS SOLIDS SUM MG/L	56	71	34	27	96
FLUORIDE MG/L	.40	.50	.40	.20	.10
GALLIUM UG/L	< .20	< .30	< .10	< .06	< .50
GERMANIUM UG/L	< .60	< .60	< .20	< .20	< 3.0
HARDNESS TOTAL MG/L	32	36	17	12	32
HARDNESS NONCARB MG/L	24	30	16	12	22
IRON UG/L	200	220	120	130	190
LEAD UG/L	1.0	3.0	1.0	3.0	13
LITHIUM UG/L	< .40	< .40	.20	.20	< 10
MAGNESIUM MG/L	1.0	2.6	.90	.40	1.0
MANGANESE UG/L	19	30	23	25	12
MBAS MG/L	0	0	0	.10	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	.20	.50	.30	< .06	.70
NICKEL UG/L	.50	1.0	.60	.60	.90
NITRATE AS N MG/L	.86	.82	.96	.89	.30
NITRITE AS N MG/L	.01	.01	.01	.03	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.07	.04	.07	.08	.25
PH UNITS	6.3	6.6	6.4	6.7	7.0
PHENOLS UG/L	--	--	--	--	--
PHOSPHORUS AS P MG/L	.01	.01	.01	.01	.01
POTASSIUM MG/L	.30	.30	.20	.20	.20
RUBIDIUM UG/L	--	--	--	--	--
SELENIUM UG/L	0	0	0	1	5
SILICA MG/L	7.7	8.9	6.4	5.6	7.7
SILVER UG/L	< .05	< .08	< .03	< .03	< .10
SODIUM MG/L	4.8	7.6	2.2	1.3	5.8
SPECIFIC CND UMHOS	99	130	62	51	96
STRONTIUM UG/L	75	78	37	30	29
SULFATE MG/L	15	22	11	7.3	15
TIN UG/L	< .40	< .50	< .20	< .20	2.0
TITANIUM UG/L	.40	2.0	.30	.30	2.0
VANADIUM UG/L	.50	1.0	.70	< .20	< .50
ZINC UG/L	20	10	20	20	< 68
ZIRCONIUM UG/L	< 1.0	< 1.0	< .50	< .40	< 3.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

FRANKLIN COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	444843074235300	HANSOR WATER CORPORATION-SPRING
B	445127074020300	BRAINARDSVILLE(U)-SPRINGS
C	444948074304500	HAUSTON(V)-SPRING
D	445416074101000	PURPE WATER COMPANY-SPRINGS AND WELL
E	445537074044201	CHATEAUGAY(V)-SPRINGS
F	444759074000200	CHATEAUGAY NARROWS(U)-SPRING
G	444844074234800	CO-OPERATIVE WATER COMPANY-SPRING
H	445922074294500	FORT COVINGTON(V)-WELL
I	443307074032400	LOON LAKE (U)-SPRINGFED RESERVOIR

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	DIST+RN	RAW	DISTRBN	DISTRBN	DISTRBN	DISTRBN
DATE.....	06/01/72	06/01/72	11/29/72	11/29/72	12/09/70	06/01/72	06/01/72	09/15/71	08/09/72
ALUMINUM UG/L	47	8.0	10	19	9.0	55	30	15	150
ARSENIC UG/L	2	1	0	0	0	0	1	0	19
BARIUM UG/L	11	58	27	13	17	3.0	11	330	13
BERYLLIUM UG/L	< .40	< .40	< .70	< 1.0	< .50	< .20	< .30	< 2.0	< .50
BICARBONATE MG/L	34	30	64	105	84	24	37	352	14
BISMUTH UG/L	< 1.0	< 2.0	< 2.0	< 3.0	< 2.0	< .70	< 1.0	< 8.0	< 3.0
BORON UG/L	5.0	4.0	5.0	5.0	7.0	3.0	4.0	77	4.0
CADMIUM UG/L	0	--	0	0	0	0	0	0	0
CALCIUM MG/L	11	13	9	33	24	7.3	12	81	4.9
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	1.4	6.3	2.1	5.2	2.7	.48	1.5	59	9.0
CHROMIUM UG/L	< 1	< 2	< 2	< 3	< 2	< 1	< 1	< 8	< 3
COBALT UG/L	< 1.0	< 2.0	< 2.0	< 3.0	< 2.0	< .70	< 1.0	< 5.0	< 1.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	1100	20	80	14	27	16	300	55	19
CYANIDE MG/L	0	0	.01	.01	0	0	0	0	0
DISS SOLIDS SUM MG/L	58	62	91	126	95	42	61	454	42
FLUORIDE MG/L	.10	0	.10	.10	.10	0	.10	.30	.10
GALLIUM UG/L	< .60	< .70	< 1.0	< 2.0	< 1.0	< .30	< .50	< 3.0	< 1.0
GERMANIUM UG/L	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 1.0	< 2.0	< 11	< 3.0
HARDNESS TOTAL MG/L	40	42	71	113	81	26	42	346	16
HARDNESS NONCARB MG/L	12	17	19	27	12	6	12	58	4
IRON UG/L	70	75	2900	74	8.0	55	620	56	470
LEAD UG/L	2.0	2.0	22	< 3.0	< 2.0	6.0	1.0	< 8.0	5.0
LITHIUM UG/L	< 10	< 10	40	< 1.0	.40	< 10	< 10	20	< 10
MAGNESIUM MG/L	3.0	2.3	5.8	7.5	5.2	1.8	3.0	35	.90
MANGANESE UG/L	10	11	13	3.0	< 1.0	7.0	8.0	31	9.0
MBAS MG/L	.01	.02	.01	.01	.02	.01	.01	.03	.05
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .60	< .70	< 1.0	< 2.0	< .50	< .30	< .50	< 5.0	< .20
NICKEL UG/L	< 1.0	2.0	< 2.0	< 3.0	2.0	< .70	< 1.0	< 5.0	42
NITRATE AS N MG/L	.60	1.7	.90	.90	1.3	.40	.60	.10	.08
NITRITE AS N MG/L	--	--	--	--	0	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	.02	--	--	--	--
NITROGEN NH4+ORG-N MG/L	0	.80	0	.02	--	.07	.25	.05	.53
PH UNITS	6.8	6.9	7.3	7.9	7.6	7.1	7.2	7.5	6.7
PHENOLS UG/L	--	--	--	--	0	--	--	0	--
PHOSPHORUS AS P MG/L	.01	.03	.02	.01	.08	.08	.08	.02	.12
POTASSIUM MG/L	1.0	1.1	.90	.90	.50	.50	1.0	5.0	.10
RUBIDIUM UG/L	--	--	--	--	< .80	--	--	--	--
SELENIUM UG/L	0	2	0	0	2	0	0	0	2
SILICA MG/L	11	8.5	10	8.7	8.9	8.3	11	13	8.7
SILVER UG/L	< .09	< .10	< .20	< .30	< .10	< .05	< .07	< .80	< .20
SODIUM MG/L	2.0	3.3	2.6	2.4	2.2	1.1	2.0	38	6.3
SPECIFIC COND UMHOS	96	114	152	225	173	67	98	759	63
STRONTIUM UG/L	33	50	60	110	92	16	29	720	20
SULFATE MG/L	11	11	10	16	9.0	10	12	49	5.1
TIN UG/L	< 1.0	< 2.0	< 2.0	< 3.0	< 2.0	< .70	< 1.0	< 11	< 3.0
TITANIUM UG/L	3.0	< 1.0	4.0	< 3.0	1.0	2.0	1.0	< 8.0	3.0
VANADIUM UG/L	< 1.0	< 2.0	< 2.0	< 3.0	< 2.0	< .70	< 1.0	< 8.0	< .50
ZINC UG/L	110	2000	2100	< 200	< 95	1200	< 70	< 500	510
ZIRCONIUM UG/L	< 3.0	< 3.0	< 4.0	< 6.0	< 5.0	< 2.0	< 3.0	< 20	< 1.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

FRANKLIN COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	445043074172300	MALONE(V)-SPRINGS
B	445048074242800	NORTH BANGOR WATER COMPANY-SPRINGS
C	442018074081700	SARANAC LAKE(V)-MCKENZIE POND
D	441709074192300	SARANAC SHORES-UPPER SARANAC LAKE
E	444024074324100	ST REGIS FALLS WD-CLEAR POND
F	441153074280900	TUPPER LAKE(V)-RESERVOIR

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	F	F	F
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	RAW	RAW	RAW	RAW
DATE.....	09/15/71	07/31/73	08/04/71	07/13/72	08/10/72	08/04/71	05/17/72	05/31/72	06/14/72
ALUMINUM UG/L	15	10	96	17	10	97	488	190	180
ARSENIC UG/L	0	0	0	4	0	4	11	1	13
BARIUM UG/L	15	19	9.0	7.0	32	14	29	14	17
BERYLLIUM UG/L	< .38	< 1.0	< .20	< .60	< 2.0	< .10	< .48	< .20	< .38
BICARBONATE MG/L	105	92	10	12	84	2	6	13	11
BISMUTH UG/L	< 2.0	< 3.0	< .48	< .60	< 6.0	< .38	< .88	< .78	< .88
BORON UG/L	3.0	5.0	3.0	5.0	5.0	6.0	7.0	7.0	9.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	26	27	4.5	4.1	23	3.0	4.3	5.2	5.0
CARBONATE MG/L	0	0	0	0	M	0	0	0	0
CHLORIDE MG/L	1.0	2.5	2.5	3.5	9.4	.70	1.7	2.0	2.2
CHROMIUM UG/L	< 2	< 2	0	< 1	< 6	1	< 2	< 1	< 1
COBALT UG/L	< 2.0	< 2.0	< .38	< .60	< 3.0	< .20	< .88	< .78	< .88
COLIFORM COL/100 ML	--	--	--	--	--	--	56	--	74
COPPER UG/L	73	290	20	28	57	2.0	1.0	5.0	21
CYANIDE MG/L	0	0	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	105	123	30	29	110	19	34	41	36
FLUORIDE MG/L	.10	.20	1.0	.10	.10	.10	.10	.10	.10
GALLIUM UG/L	< .60	< 2.0	< .10	< .60	< 3.0	< .10	< .80	< .40	< .40
GERMANIUM UG/L	< 3.0	< 3.0	< .60	< 2.0	< 6.0	< .40	< 2.0	< 1.0	< 1.0
HARDNESS TOTAL MG/L	94	103	14	14	87	10	14	19	17
HARDNESS NONCARB MG/L	8	27	6	4	5	7	9	8	8
IRON UG/L	14	150	330	270	15	150	190	280	240
LEAD UG/L	3.0	< 2.0	38	5.0	< 3.0	2.0	3.0	4.0	7.0
LITHIUM UG/L	< 10	0	.20	< 10	< 10	.30	< 10	< 10	< 10
MAGNESIUM MG/L	7.0	8.6	.60	.98	7.2	.58	.80	1.5	1.0
MANGANESE UG/L	1.0	19	140	25	3.0	23	35	45	32
MBAS MG/L	.01	0	.02	.03	0	.02	.03	.02	.03
MERCURY UG/L	1.1	1.1	< .58	< .58	< .58	< .58	< .58	< .58	< .58
MOLYBDENUM UG/L	< 2.0	< 2.0	< .10	< .38	< .58	< .18	< .28	< .48	< .48
NICKEL UG/L	< 2.0	< 2.0	1.0	1.0	< 3.0	2.0	4.0	2.0	5.0
NITRATE AS N MG/L	.38	2.6	0	0	.28	.18	.48	.68	.38
NITRITE AS N MG/L	--	.08	0	--	--	0	--	--	--
NITROGEN NH4 AS N MG/L	.58	--	.03	--	--	.06	--	.68	--
NITROGEN NH4+ORG-N MG/L	.17	.10	.58	.25	.10	.46	.24	.41	.27
PH UNITS	7.8	6.7	6.9	7.0	6.7	6.5	6.1	6.5	6.5
PHENOLS UG/L	0	--	--	--	--	0	--	--	--
PHOSPHORUS AS P MG/L	.01	.08	.05	.01	.01	.01	.01	.01	.01
POTASSIUM MG/L	.68	.58	.28	.28	.38	.58	.48	.58	.28
RUBIDIUM UG/L	--	--	.48	--	--	1.0	--	--	--
SELENIUM UG/L	0	2	9	1	0	6	0	0	0
SILICA MG/L	8.9	13	2.4	3.0	7.8	4.2	8.0	12	11
SILVER UG/L	< .28	< .38	< .10	< .10	< .58	< .18	< .28	< .86	< .85
SODIUM MG/L	2.2	3.5	3.7	3.1	5.3	1.0	4.3	2.1	2.0
SPECIFIC CONU UMHOS	176	221	52	48	189	33	406	49	45
STRONTIUM UG/L	56	65	28	20	29	18	25	20	36
SULFATE MG/L	7.0	20	10	7.7	7.5	7.7	11	10	9.0
TIN UG/L	< 3.0	< 3.0	1.0	< 2.0	< 6.0	< .48	< 2.0	< .78	< .88
TITANIUM UG/L	< 2.0	< 3.0	2.0	.60	< 3.0	2.0	3.0	4.0	< .58
VANADIUM UG/L	< 2.0	< 2.0	.38	< .60	< 2.0	.28	< .88	< .58	< .88
ZINC UG/L	< 120	880	< 38	180	< 180	< 28	77	42	< 58
ZIRCONIUM UG/L	< 4.0	< 5.0	< 2.0	< 2.0	< 3.0	< .88	< 2.0	< 2.0	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

FRANKLIN COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	441153074280V00	TUPPER LAKE(V)-RESERVOIR

SYSTEM(S) ON THIS PAGE...	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	07/12/72	07/26/72	08/09/72	08/23/72	09/06/72	09/20/72	10/04/72	10/18/72	11/01/72
ALUMINUM UG/L	520	560	160	120	130	100	140	110	120
ARSENIC UG/L	4	23	16	2	4	4	10	7	10
BARIUM UG/L	15	15	10	9.0	8.0	7.0	8.0	7.0	9.0
BERYLLIUM UG/L	< .20	< .50	< .50	< .30	< .40	< .50	< .50	< .20	< .20
BICARBONATE MG/L	13	16	20	22	22	23	22	20	17
BISMUTH UG/L	< .90	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< .90
BORON UG/L	4.0	8.0	6.0	6.0	5.0	5.0	6.0	5.0	6.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	5.5	5.8	6.8	7.0	7.1	6.9	7.0	7.0	6.5
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	1.7	1.8	2.1	2.2	2.0	2.5	2.2	2.6	2.4
CHROMIUM UG/L	< 1	< 3	< 1	< 1	< 1	< 1	< 3	< 1	< 1
COBALT UG/L	< .90	< 1.0	< .50	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	< .90
COLIFORM COL/100 ML	100	730	280	350	60	110	40	< 24	4
COPPER UG/L	23	12	21	49	4.0	13	3.0	26	21
CYANIDE MG/L	0	.02	.01	0	.01	0	.07	0	0
DISS SOLIDS SUM MG/L	43	42	48	49	50	50	50	49	46
FLUORIDE MG/L	.10	.10	.10	.10	.10	.10	.10	.10	.10
GALLIUM UG/L	< .90	< 1.0	< .50	< .30	< .50	< 1.0	< 1.0	< .50	< .40
GERMANIUM UG/L	< 2.0	< 3.0	< 1.0	< 1.0	< 1.0	< 2.0	< 3.0	< 1.0	< .90
HARDNESS TOTAL MG/L	18	20	23	24	24	24	24	24	22
HARDNESS NONCARB MG/L	8	7	7	6	6	5	6	7	8
IRON UG/L	640	780	520	490	510	510	370	440	350
LEAD UG/L	7.0	4.0	7.0	24	2.0	3.0	< 1.0	9.0	7.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	1.1	1.3	1.5	1.6	1.6	1.6	1.5	1.5	1.4
MANGANESE UG/L	31	33	53	26	44	44	24	29	20
MBAS MG/L	.04	.02	.02	.03	.01	.01	.03	.02	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .20	< .30	< .50	< .50	< .50	< .50	< .50	< 1.0	< .40
NICKEL UG/L	6.0	3.0	8.0	3.0	1.0	2.0	1.0	2.0	4.0
NITRATE AS N MG/L	.50	.60	.60	.60	.70	.70	.60	.60	.60
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	.40	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.33	.47	.35	.24	.33	.22	.34	.29	.32
PH UNITS	6.5	6.7	7.1	7.3	7.3	7.3	7.0	7.3	7.0
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.02	.02	.01	.01	.01	.01	.01	.01	.01
POTASSIUM MG/L	.30	.30	.30	.30	.40	.40	.40	.60	.50
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	2	0	1	1	3	2	0	1	5
SILICA MG/L	12	14	16	17	18	17	18	17	15
SILVER UG/L	< .20	< .30	< .10	< .10	< .07	< .10	< .30	< .10	.09
SODIUM MG/L	1.9	2.1	2.3	2.4	2.5	2.5	2.5	2.5	2.3
SPECIFIC COND UMHOS	46	51	57	59	62	62	59	57	54
STRONTIUM UG/L	21	24	22	20	25	20	23	24	23
SULFATE MG/L	13	8.0	8.7	7.2	7.0	6.6	7.3	7.7	8.5
TIN UG/L	< 2.0	< 3.0	.70	< 1.0	< 1.0	< 1.0	< 3.0	< 1.0	< .90
TITANIUM UG/L	10	11	4.0	3.0	3.0	3.0	3.0	2.0	2.0
VANADIUM UG/L	< .40	< .50	< .50	< .70	< .70	< 1.0	< 3.0	< .50	< .50
ZINC UG/L	200	< 96	120	130	< 70	70	< 45	< 110	0
ZIRCONIUM UG/L	< 2.0	< 3.0	< 1.0	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

FRANKLIN COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	441153074280900	TUPPER LAKE(V)-RESERVOIR

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	11/15/72	11/29/72	12/13/72	12/27/72	01/10/73	01/24/73	02/07/73	02/21/73	03/07/73
ALUMINUM UG/L	200	140	190	140	150	210	210	100	140
ARSENIC UG/L	10	10	10	10	8	10	0	0	10
BARIUM UG/L	12	11	12	11	12	12	14	8.0	13
BERYLLIUM UG/L	< .20	< .30	< .20	< .30	< .30	< .20	< .30	< .20	< .30
BICARBONATE MG/L	10	14	8	13	10	7	9	16	9
BISMUTH UG/L	< .80	< .80	< .70	< .80	< .80	< .70	< .70	< .90	< .90
BORON UG/L	5.0	5.0	5.0	5.0	7.0	5.0	5.0	5.0	5.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	5.1	6.1	6.1	5.5	5.0	5.1	5.1	7.8	6.0
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	1.5	.24	1.8	2.6	1.8	2.0	1.5	1.5	3.5
CHROMIUM UG/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
COBALT UG/L	< .80	< .80	< .70	< .80	< .80	< .70	< .70	< .90	< .90
COLIFORM COL/100 ML	K 5	--	25	< 1	K 10	< 12	47	25	K 72
COPPER UG/L	29	5.0	11	24	26	14	18	9.0	8.0
CYANIDE MG/L	0	0	.04	--	0	0	.01	.01	.01
DISS SOLIDS SUM MG/L	37	41	39	41	38	35	34	44	39
FLUORIDE MG/L	.10	.10	.10	.10	.10	.10	.10	.10	.10
GALLIUM UG/L	< .40	< 4.0	< .40	< .40	< .40	< .30	< .30	< .50	< .40
GERMANIUM UG/L	< .80	< .80	< .70	< .80	< .80	< .70	< .70	< .90	< .90
HARDNESS TOTAL MG/L	17	20	20	19	17	17	17	25	20
HARDNESS NONCARB MG/L	9	9	13	8	9	11	9	12	13
IRON UG/L	370	200	250	270	290	210	290	370	150
LEAD UG/L	13	2.0	3.0	4.0	4.0	4.0	4.0	3.0	2.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	1.1	1.2	1.1	1.2	1.2	1.0	1.0	1.4	1.2
MANGANESE UG/L	30	25	27	26	18	31	33	66	25
MBAS MG/L	.03	.02	.01	.02	.01	.03	.03	.01	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .40	< .40	< .40	< .40	< .40	< .30	< .30	< .50	< .40
NICKEL UG/L	3.0	4.0	3.0	4.0	3.0	2.0	3.0	2.0	2.0
NITRATE AS N MG/L	.70	.70	.80	.70	.90	.80	1.0	1.0	.90
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.33	.20	.33	.28	.19	.21	.16	.12	.28
PH UNITS	6.6	6.7	6.1	6.8	6.8	6.4	7.0	6.8	6.4
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.00	.00	.00	.00	.00	.01	.00	.00	.01
POTASSIUM MG/L	.50	.70	.20	.20	.20	.30	.30	.30	.30
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	2	0	0	3	5	2	0	1	0
SILICA MG/L	12	13	12	14	14	11	10	15	12
SILVER UG/L	< .08	< .08	< .07	< .08	< .08	< .07	< .07	< .09	< .09
SODIUM MG/L	1.7	2.4	1.6	2.0	1.9	2.0	1.8	2.2	2.9
SPECIFIC COND UMHOS	47	54	46	49	49	46	45	55	56
STRONTIUM UG/L	22	23	20	32	19	16	20	21	21
SULFATE MG/L	9.0	9.2	11	8.2	7.9	9.5	8.5	6.9	7.8
TIN UG/L	< .80	< .80	< .70	< .80	< .80	< .70	< .70	< .90	< .90
TITANIUM UG/L	3.0	2.0	1.0	< .40	1.0	< .90	1.0	2.0	1.0
VANADIUM UG/L	< .80	< .80	< .70	< .80	< .80	< .70	< .70	< .90	< .90
ZINC UG/L	20	30	20	10	20	40	20	0	30
ZIRCONIUM UG/L	< 2.0	< 2.0	< 2.0	< .40	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

FRANKLIN COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	441153074280900	TUPPER LAKE(V)-RESERVOIR
	B	441153074280901	TUPPER LAKE(V)-RESERVOIR

SYSTEM(S) ON THIS PAGE..	A	A	A	A	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	TREATED
DATE.....	03/21/73	04/04/73	04/18/73	05/02/73	08/04/71
ALUMINUM UG/L	280	370	170	120	65
ARSENIC UG/L	0	0	0	0	0
BARIUM UG/L	19	18	13	11	8.0
BERYLLIUM UG/L	< .20	< .30	< .20	< .20	< .10
BICARBONATE MG/L	3	7	9	12	4
BISMUTH UG/L	< .70	< .70	< .50	< .60	< .30
BORON UG/L	5.0	6.0	5.0	4.0	4.0
CADMIUM UG/L	0	0	0	0	0
CALCIUM MG/L	4.5	6.4	6.5	8.0	3.0
CARBONATE MG/L	0	0	0	0	0
CHLORIDE MG/L	3.4	2.3	2.1	2.1	2.0
CHROMIUM UG/L	< 1	< 1	< 1	< 1	0
COBALT UG/L	< .70	< .70	< .60	< .60	< .20
COLIFORM COL/100 ML	--	39	--	42	--
COPPER UG/L	16	20	14	3.0	75
CYANIDE MG/L	.02	.02	.01	.01	0
DISS SOLIDS SUM MG/L	39	35	35	39	22
FLUORIDE MG/L	.10	.30	.20	.20	.10
GALLIUM UG/L	< .30	< .30	< .30	< .30	< .10
GERMANIUM UG/L	< .70	< .70	< .60	< .60	< .30
HARDNESS TOTAL MG/L	16	19	20	24	10
HARDNESS NONCARB MG/L	14	14	13	14	6
IRON UG/L	200	360	140	120	180
LEAD UG/L	4.0	6.0	2.0	1.0	34
LITHIUM UG/L	< 10	--	--	--	.20
MAGNESIUM MG/L	1.2	.80	.90	1.0	.50
MANGANESE UG/L	64	36	12	14	20
MBAS MG/L	.08	.02	.02	.03	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .30	< .30	< .20	< .30	.30
NICKEL UG/L	2.0	3.0	1.0	< .60	2.0
NITRATE AS N MG/L	1.1	.90	.80	.70	.20
NITRITE AS N MG/L	--	--	--	--	0
NITROGEN NH4 AS N MG/L	--	--	--	--	.04
NITROGEN NH4+ORG-N MG/L	.12	.38	.19	.25	.21
PH UNITS	6.4	6.2	6.8	6.5	6.5
PHENOLS UG/L	--	--	--	--	0
PHOSPHORUS AS P MG/L	.01	.01	.00	.01	0
POTASSIUM MG/L	.60	.30	.30	.30	.50
RUBIDIUM UG/L	--	--	--	--	.40
SELENIUM UG/L	4	2	3	2	7
SILICA MG/L	8.5	8.2	10	11	4.6
SILVER UG/L	< .07	< .07	< .06	< .06	< .10
SODIUM MG/L	5.5	1.5	1.8	2.0	1.5
SPECIFIC COND UMHOS	74	39	43	45	347
STRONTIUM UG/L	16	18	14	17	14
SULFATE MG/L	13	11	8.2	8.0	7.9
TIN UG/L	< .70	< .70	< .60	< .60	45
TITANIUM UG/L	2.0	2.0	1.0	.00	.70
VANADIUM UG/L	< .70	< .70	< .60	< .60	1.0
ZINC UG/L	30	30	20	30	43
ZIRCONIUM UG/L	< 2.0	< 2.0	< .90	< 2.0	< .70

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

FULTON COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	430311074115600	BROADALBIN(V)-WELLS
B	430538074194600	GLOVERSVILLE(C)-RESERVOIR
C	430538074194601	GLOVERSVILLE(C)-RESERVOIR

SYSTEM(S) ON THIS PAGE..	A	B	B	B	B	B	C	C	C
TYPE OF WATER SAMPLED...	DISTRBN	RAW	RAW	RAW	RAW	RAW	TREATED	TREATED	TREATED
DATE.....	11/15/71	11/15/71	06/25/74	10/11/74	12/19/74	03/18/75	11/15/71	06/25/74	10/11/74
ALUMINUM UG/L	13	76	50	93	170	160	420	76	54
ARSENIC UG/L	0	2	0	0	0	0	0	0	0
BARIUM UG/L	230	15	15	13	12	13	14	13	10
BERYLLIUM UG/L	< 2.0	< .20	< .20	.90	< .20	.03	< .30	< .30	< .10
BICARBONATE MG/L	190	12	10	14	13	11	29	19	27
BISMUTH UG/L	< 4.0	< .50	< .60	< .30	< .70	< .20	< .90	< .80	< .40
BORON UG/L	75	7.0	6.0	3.0	6.0	5.0	4.0	5.0	2.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	1
CALCIUM MG/L	46	4.3	6.2	5.1	5.2	5.0	4.5	5.5	6.9
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	20	.60	.40	.90	.90	1.0	2.0	1.0	2.1
CHROMIUM UG/L	< 4	1	< 1	< 1	< 1	< 1	1	< 1	< 1
COBALT UG/L	< 6.0	< .70	< .60	< .20	< .50	.30	< 2.0	< .60	< .30
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	30	180	14	11	5.0	4.0	24	20	6.0
CYANIDE MG/L	0	0	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	239	25	25	23	28	28	93	37	49
FLUORIDE MG/L	.40	.10	.10	.10	.20	.20	1.3	1.0	.20
GALLIUM UG/L	< 2.0	< .20	< .30	< .10	< .30	< .10	< .30	< .40	< .10
GERMANIUM UG/L	< 6.0	< .70	< .70	< .30	< .70	< .20	< 2.0	< 1.0	< .40
HARDNESS TOTAL MG/L	177	14	19	16	17	17	15	17	21
HARDNESS NONCARB MG/L	21	4	11	4	6	8	0	1	0
IRON UG/L	140	690	210	780	380	340	28	120	22
LEAD UG/L	< 3.0	2.0	1.0	2.0	1.0	2.0	< .60	4.0	.90
LITHIUM UG/L	< 10	< 10	.30	.40	.30	.20	< 10	.70	1.0
MAGNESIUM MG/L	15	.80	.80	.70	1.0	1.0	.80	.80	1.0
MANGANESE UG/L	13	45	35	50	43	47	19	9.0	11
MBAS MG/L	.01	.02	.04	.01	0	0	.02	.03	.01
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< .30	< .30	< .10	< .20	< .05	< .40	< .40	< .10
NICKEL UG/L	< 4.0	1.0	1.0	.80	.80	.80	1.0	1.0	.50
NITRATE AS N MG/L	0	0	.13	.04	.10	.25	.19	.15	.06
NITRITE AS N MG/L	--	--	0	0	0	.01	--	.02	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.28	.32	.27	.19	.21	.17	.28	.19	.08
PH UNITS	7.0	6.8	7.1	6.8	6.8	6.5	7.2	8.1	8.1
PHENOLS UG/L	0	1.0	--	--	--	--	0	--	--
PHOSPHORUS AS P MG/L	.01	.01	.01	.01	.01	.01	1.2	.09	.36
POTASSIUM MG/L	1.9	.40	.40	.20	.10	.30	.40	.40	.40
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	4	3	1	< 2	0	0	0	0	2
SILICA MG/L	11	3.3	3.4	3.0	4.8	5.8	3.7	3.9	3.8
SILVER UG/L	< .40	< .50	< .10	< .03	< .07	< .02	< .09	< .10	< .04
SODIUM MG/L	19	.80	1.0	.90	1.2	.70	13	6.5	10
SPECIFIC COND UMHOS	488	48	47	48	48	47	88	82	48
STRONTIUM UG/L	600	27	25	38	34	26	36	35	33
SULFATE MG/L	32	8.4	7.8	5.7	8.2	8.3	12	7.8	12
TIN UG/L	< 6.0	< .70	< .70	< .30	< .70	< .20	< 2.0	< 1.0	< .40
TITANIUM UG/L	< 3.0	1.0	1.0	2.0	2.0	3.0	< .60	< 1.0	.90
VANADIUM UG/L	< 3.0	< .40	< .30	< .20	.60	.30	< .60	.70	< .30
ZINC UG/L	< 370	< 50	150	10	10	10	< 85	20	10
ZIRCONIUM UG/L	< 12	< 2.0	< 1.0	< .40	< 1.0	< .30	< 3.0	< 2.0	< .60

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

FULTON COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	430538074194601	GLOVERSVILLE(C)-RESERVOIR
B	430024074221300	JOHNSTOWN(C)-FOUR RESERVOIRS
C	430443074202600	KINGSBORO WATER COMPANY-SPRINGFED RESERVOIRS
D	430601074162900	HAYFIELD(V)-WELLS
E	431240074113700	NORTHVILLE(V)-HUNTER CK&NORTHVILLE RESERVOIR
F	431240074113701	SACANDAGA PARK WATER WORKS INC-RESERVOIR

SYSTEM(S) ON THIS PAGE..	A	A	B	C	D	E	F
TYPE OF WATER SAMPLED...	TREATED	TREATED	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN
DATE.....	12/19/74	03/18/75	11/15/71	01/19/73	11/15/71	11/15/71	11/15/71
ALUMINUM UG/L	61	500	50	27	140	100	150
ARSENIC UG/L	0	0	0	0	2	3	0
BARIUM UG/L	11	12	10	< 8.0	39	9.0	17
BERYLLIUM UG/L	< .38	< .10	< .70	< .80	< 2.0	< .20	< .10
BICARBONATE MG/L	26	32	114	139	314	11	7
BISMUTH UG/L	< 1.0	< .40	< 2.0	< 4.0	< 6.0	< .70	< .50
BORON UG/L	5.0	3.0	4.0	4.0	18	5.0	5.0
CADMIUM UG/L	0	0	0	0	0	0	0
CALCIUM MG/L	5.2	6.0	35	41	88	4.0	3.0
CARBONATE MG/L	0	0	0	0	0	0	0
CHLORIDE MG/L	2.1	2.0	5.5	7.5	26	4.2	2.0
CHROMIUM UG/L	< 1	< 1	< 2	< 4	< 6	1	1
COBALT UG/L	< .70	< .40	< 3.0	< 4.0	< 9.0	< 1.0	< .50
COLIFORM COL/100 ML	--	--	--	--	--	--	--
COPPER UG/L	4.0	2.0	220	32	140	110	110
CYANIDE MG/L	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	47	60	121	158	341	37	25
FLUORIDE MG/L	.20	1.1	.10	.10	.10	.20	.10
GALLIUM UG/L	< .58	< .20	< .70	< 2.0	< 2.0	< .20	< .10
GERMANIUM UG/L	< 1.0	< .40	< 3.0	< 3.0	< 9.0	< 1.0	< .60
HARDNESS TOTAL MG/L	17	19	110	132	294	14	10
HARDNESS NONCARB MG/L	0	0	16	18	36	5	4
IRON UG/L	27	47	52	39	130	200	150
LEAD UG/L	2.0	< .20	< 2.0	6.0	< 4.0	8.0	27
LITHIUM UG/L	.30	.30	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	1.0	1.0	5.4	7.2	18	1.0	.50
MANGANESE UG/L	24	43	2.0	3.0	490	15	22
MBAS MG/L	0	0	0	.01	.03	.04	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .48	< .10	< 1.0	< 2.0	< 3.0	< .30	< .20
NICKEL UG/L	< 1.0	.20	< 2.0	< 4.0	< 6.0	2.0	2.0
NITRATE AS N MG/L	.11	.26	.10	.50	1.5	0	0
NITRITE AS N MG/L	0	.02	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.09	.08	.16	.10	.58	.28	.12
PH UNITS	7.1	7.6	7.7	8.2	7.6	6.7	6.5
PHENOLS UG/L	--	--	0	--	0	0	1.0
PHOSPHORUS AS P MG/L	.33	.22	0	.04	0	.01	0
POTASSIUM MG/L	.20	.30	.50	.70	1.7	.60	.20
RUBIDIUM UG/L	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	1	0	1	0	2
SILICA MG/L	4.7	6.2	6.7	13	11	10	6.5
SILVER UG/L	< .10	< .04	< .20	< .40	< .60	< .07	< .05
SODIUM MG/L	8.6	12	1.9	5.5	17	4.5	2.4
SPECIFIC COND UMHOS	81	103	220	264	607	54	37
STRONTIUM UG/L	41	36	170	120	320	20	17
SULFATE MG/L	12	15	10	14	23	7.4	6.9
TIN UG/L	< 1.0	< .40	< 3.0	< 4.0	< 9.0	< 1.0	< .60
TITANIUM UG/L	< .50	.38	< 2.0	< 3.0	< 4.0	3.0	1.0
VANADIUM UG/L	< .50	< .40	< 2.0	< 3.0	< 4.0	.40	< .30
ZINC UG/L	20	20	< 200	< 230	< 560	< 80	160
ZIRCONIUM UG/L	< 2.0	< .60	< 7.0	< 6.0	< 20	< 2.0	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

GENESEE COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	425859078104400	BATAVIA(C)-TONAWANDA CREEK

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	07/13/71	10/19/71	01/18/72	04/11/72	07/12/72	10/16/72	01/10/73	04/18/73	06/14/73
ALUMINUM UG/L	430	180	420	6000	150	420	330	240	260
ARSENIC UG/L	0	4	3	3	1	2	10	0	0
BARIUM UG/L	84	91	62	91	8.0	71	67	57	72
BERYLLIUM UG/L	< 2.0	< 1.0	< 2.0	< 3.0	< .30	< 2.0	< 3.0	< 2.0	< 2.0
BICARBONATE MG/L	235	242	192	136	184	222	224	182	222
BISMUTH UG/L	< 7.0	< 5.0	< 7.0	< 6.0	< 2.0	< 7.0	< 7.0	< 5.0	< 7.0
BORON UG/L	24	51	23	35	4.0	31	23	20	18
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	73	71	67	48	56	69	72	60	68
CARBONATE MG/L	7	0	0	0	0	0	0	0	0
CHLORIDE MG/L	19	21	24	19	14	24	22	16	20
CHROMIUM UG/L	< 7	< 4	< 5	< 13	< 1	< 7	< 7	< 6	< 3
COBALT UG/L	< 3.0	< 5.0	< 7.0	< 13	< .50	< 3.0	< 7.0	< 6.0	< 3.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	3.0	3.0	2.0	8.0	.20	4.0	2.0	2.0	< 2.0
CYANIDE MG/L	0	0	0	0	0	0	0	.02	.02
DISS SOLIDS SUM MG/L	290	284	270	196	216	277	286	220	261
FLUORIDE MG/L	.10	.20	.10	.10	.10	.10	.10	.10	.30
GALLIUM UG/L	< 5.0	< 2.0	< 2.0	< 6.0	< .50	< 3.0	< 3.0	< 3.0	< 3.0
GERMANIUM UG/L	< 10	< 7.0	< 7.0	< 13	< 2.0	< 13	< 7.0	< 6.0	< 7.0
HARDNESS TOTAL MG/L	240	243	217	157	185	226	237	195	223
HARDNESS NONCARB MG/L	35	45	50	45	34	44	54	46	41
IRON UG/L	810	420	480	5200	140	540	450	410	510
LEAD UG/L	< 5.0	< 4.0	< 3.0	< 6.0	< .50	< 3.0	< 7.0	< 6.0	< 4.0
LITHIUM UG/L	4.0	< 10	< 10	< 10	< 10	< 10	< 10	--	0
MAGNESIUM MG/L	14	16	12	9.0	11	13	14	11	13
MANGANESE UG/L	180	77	98	160	12	77	130	62	89
MBAS MG/L	.04	.03	.04	.04	.04	.02	.03	.03	.06
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	2.0	2.0	< 3.0	< 2.0	< .30	< 2.0	< 3.0	< 2.0	< 3.0
NICKEL UG/L	< 3.0	< 5.0	11	16	.50	< 3.0	< 7.0	< 6.0	< 6.0
NITRATE AS N MG/L	.40	.50	1.3	.90	.70	.50	2.1	1.0	.93
NITRITE AS N MG/L	0	--	--	--	--	--	--	--	.07
NITROGEN NH4 AS N MG/L	.03	--	--	--	--	--	1.2	--	--
NITROGEN NH4+ORG-N MG/L	.40	.38	.48	1.4	.61	.42	.45	.29	.58
PH UNITS	8.4	7.9	7.7	7.5	8.0	8.1	8.1	8.0	7.9
PHENOLS UG/L	0	4.0	1.0	2.0	--	--	--	--	--
PHOSPHORUS AS P MG/L	.10	.20	.04	.16	.01	.08	.04	.03	.07
POTASSIUM MG/L	2.3	3.0	2.0	1.9	2.1	2.0	1.7	1.6	2.2
RUBIDIUM UG/L	1.0	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	0	0	2	4	3	2	0
SILICA MG/L	3.8	2.2	6.2	3.6	5.3	3.7	6.1	2.2	3.6
SILVER UG/L	< .50	< .50	< .70	< 2.0	< .10	< .70	< .70	< .60	< 1.0
SODIUM MG/L	12	13	13	9.3	7.7	12	12	9.0	12
SPECIFIC COND UMHOS	478	496	464	346	384	462	500	405	452
STRONTIUM UG/L	170	220	150	92	12	130	138	120	130
SULFATE MG/L	33	38	50	37	29	43	45	38	32
TIN UG/L	< 10	< 7.0	< 7.0	< 13	< .50	< 7.0	< 7.0	< 6.0	< 7.0
TITANIUM UG/L	20	10	19	550	9.0	18	9.0	8.0	10
VANADIUM UG/L	< 3.0	< 7.0	< 3.0	10	< .30	< 3.0	< 7.0	< 6.0	< 3.0
ZINC UG/L	< 420	< 320	< 360	< 610	< 53	< 420	30	10	10
ZIRCONIUM UG/L	< 15	< 15	< 15	49	< 2.0	< 14	< 7.0	< 9.0	< 10

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

GENESEE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND MAJOR SOURCE OF WATER SAMPLED
A	425859078104480	BATAVIA(C)-TONAWANDA CREEK
B	425859078104481	BATAVIA(C)-TONAWANDA CREEK

SYSTEM(S) ON THIS PAGE..	A	A	A	B	B	B	B	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	09/21/73	12/11/73	03/05/74	07/13/71	10/19/71	01/18/72	04/11/72	07/12/72	10/18/72
ALUMINUM UG/L	320	140	10000	27	50	16	46	54	92
ARSENIC UG/L	1	< 1	3	0	0	0	2	0	5
BARIUM UG/L	72	63	130	12	12	12	11	11	11
BERYLLIUM UG/L	< 2.0	< 2.0	< 2.0	< .70	< .50	< .70	< 2.0	< 2.0	< .60
BICARBONATE MG/L	211	175	98	44	22	23	10	27	27
BISMUTH UG/L	< 6.0	< 6.0	< 7.0	< 2.0	< 2.0	< 3.0	< 3.0	< 5.0	< 3.0
BORON UG/L	20	18	70	23	37	25	15	27	21
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	60	60	34	17	15	23	10	18	20
CARBONATE MG/L	0	0	0	2	2	0	7	2	0
CHLORIDE MG/L	18	28	14	24	26	30	23	16	26
CHROMIUM UG/L	< 3	< 3	14	< 2	< 2	< 2	< 6	< 3	< 3
COBALT UG/L	< 6.0	< 6.0	5.0	< 2.0	< 2.0	< 3.0	< 6.0	< 3.0	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	< 2.0	< 2.0	18	3.0	4.0	3.0	1.0	2.0	5.0
CYANIDE MG/L	0	.01	.01	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	253	266	138	140	141	160	129	120	149
FLUORIDE MG/L	.60	1.1	.10	1.0	1.1	1.1	1.0	1.2	1.5
GALLIUM UG/L	< 3.0	< 3.0	3.0	< 2.0	< .60	< .70	< 3.0	< 3.0	< 2.0
GERMANIUM UG/L	< 6.0	< 6.0	< 7.0	< 3.0	< 3.0	< 3.0	< 6.0	< 5.0	< 6.0
HARDNESS TOTAL MG/L	283	287	110	96	87	99	78	82	95
HARDNESS NONCARB MG/L	30	84	37	57	65	80	58	56	73
IRON UG/L	540	370	10000	16	23	11	29	30	86
LEAD UG/L	< 6.0	< 6.0	< 5.0	< 2.0	< 2.0	< 2.0	< 3.0	< 3.0	< 2.0
LITHIUM UG/L	10	0	10	3.0	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	13	14	6.2	13	12	10	8.1	8.9	11
MANGANESE UG/L	59	60	180	< 2.0	< 2.0	100	< 3.0	< 3.0	< 2.0
MBAS MG/L	.01	.01	.01	.04	.04	.04	.03	.03	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 3.0	< 3.0	< 3.0	3.0	2.0	< 2.0	.90	1.0	1.0
NICKEL UG/L	< 6.0	< 6.0	15	3.0	< 2.0	6.0	< 6.0	< 2.0	< 2.0
NITRATE AS N MG/L	.70	.82	1.3	.58	.58	1.2	.90	.80	.40
NITRITE AS N MG/L	.01	.02	.04	0	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	.06	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.20	.28	.56	.26	.17	.28	.20	.33	.25
PH UNITS	7.8	8.0	7.7	8.5	8.6	7.4	9.4	8.8	7.9
PHENOLS UG/L	--	--	--	0	0	--	--	--	--
PHOSPHORUS AS P MG/L	.13	.06	.13	0	.40	.24	.64	.38	.14
POTASSIUM MG/L	2.7	2.2	2.3	2.4	3.0	1.8	1.8	2.2	2.9
RUBIDIUM UG/L	--	--	--	< 1.0	--	--	--	--	--
SELENIUM UG/L	0	2	< 1	0	0	2	3	0	6
SILICA MG/L	3.3	3.8	3.3	3.7	2.4	5.4	4.0	4.2	3.9
SILVER UG/L	< 1.0	< .60	< .70	< .20	< .20	< .30	< .50	< .50	< .30
SODIUM MG/L	9.5	16	6.5	12	13	13	10	7.4	12
SPECIFIC COND UMHOS	456	463	243	267	253	287	234	216	269
STRONTIUM UG/L	150	150	100	76	92	93	88	87	54
SULFATE MG/L	41	54	26	43	55	63	50	46	58
TIN UG/L	< 6.0	< 6.0	< 7.0	< 3.0	< 3.0	< 3.0	< 6.0	< 3.0	< 3.0
TITANIUM UG/L	11	4.0	> 1000	< 2.0	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0
VANADIUM UG/L	< 3.0	< 3.0	25	< 2.0	< 3.0	< 2.0	< 3.0	< 2.0	< 2.0
ZINC UG/L	0	20	40	< 140	< 130	< 180	< 250	< 240	< 190
ZIRCONIUM UG/L	< 10	< 7.0	27	< 5.0	< 6.0	< 7.0	< 6.0	< 5.0	< 6.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

GENESEE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	425859078104401	BATAVIA(C)-TONAWANDA CREEK
B	425859078104402	BATAVIA(C)-WELLS
C	425859078104403	BATAVIA(C)-WELLS
D	430506077563301	BERGEN(V)-WELL

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	B	C	D
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	RAW	TREATED	RAW
DATE.....	01/10/73	04/18/73	08/14/73	09/21/73	12/11/73	03/05/74	12/01/70	12/01/70	03/13/73
ALUMINUM UG/L	65	65	63	60	35	40	11	29	140
ARSENIC UG/L	0	0	10	0	< 1	< 1	0	0	0
BARIUM UG/L	10	10	10	12	10	16	180	20	38
BERYLLIUM UG/L	< 1.0	< .50	< .90	< .00	< 1.0	< .00	< 1.0	< .50	< 4.0
BICARBONATE MG/L	20	19	20	0	16	19	207	42	285
BISMUTH UG/L	< 3.0	< 2.0	< 3.0	< 3.0	< 4.0	< 4.0	< 5.0	< 2.0	< 12
BORON UG/L	26	20	21	29	20	36	30	31	21
CADMIUM UG/L	0	0	0	0	0	0	0	0	1
CALCIUM MG/L	24	18	16	17	23	18	62	30	150
CARBONATE MG/L	0	0	0	0	0	7	0	0	0
CHLORIDE MG/L	26	19	25	19	30	44	50	43	62
CHROMIUM UG/L	< 3	< 3	< 1	< 2	3	< 2	< 10	< 5	< 12
COBALT UG/L	< 3.0	< 3.0	< 1.0	< 3.0	< 4.0	< 4.0	< 5.0	< 2.0	< 12
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	3.0	4.0	4.0	5.0	1.0	1.0	< 1.0	1.0	3.0
CYANIDE MG/L	.02	.01	0	0	.01	0	0	0	.01
DISS SOLIDS SUM MG/L	157	129	138	131	165	177	324	228	614
FLUORIDE MG/L	1.1	1.0	1.2	1.4	1.4	1.4	0	1.0	.20
GALLIUM UG/L	< 2.0	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0	ND	ND	< 6.0
GERMANIUM UG/L	< 3.0	< 3.0	< 3.0	< 3.0	< 4.0	< 4.0	< 5.0	< 2.0	< 12
HARDNESS TOTAL MG/L	109	84	81	84	103	107	249	153	494
HARDNESS NONCARB MG/L	86	68	65	77	90	79	80	119	240
IRON UG/L	120	16	36	5.0	6.0	16	11	19	< 12
LEAD UG/L	< 3.0	< 3.0	< 2.0	< 3.0	< 4.0	< 3.0	< 5.0	< 2.0	< 12
LITHIUM UG/L	< 10	--	0	0	0	10	4.0	4.0	< 10
MAGNESIUM MG/L	12	9.5	10	10	11	15	23	19	29
MANGANESE UG/L	< 2.0	< 1.0	< 2.0	< 2.0	< 2.0	< 3.0	< 5.0	< 2.0	< 9.0
MBAS MG/L	.04	.04	.05	.06	.02	.02	.03	.03	.10
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	.90	1.0	2.0	< 2.0	< 2.0	< 2.0	2.0	< 6.0
NICKEL UG/L	< 3.0	< 3.0	< 3.0	< 3.0	< 4.0	< 3.0	< 7.0	< 3.0	< 12
NITRATE AS N MG/L	1.6	1.0	.79	.56	.83	.73	1.2	1.2	1.3
NITRITE AS N MG/L	--	--	.01	.01	.01	0	0	0	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	.03	.01	--
NITROGEN NH4+ORG-N MG/L	.36	.33	.20	.11	.08	.03	--	--	.11
PH UNITS	7.3	7.3	7.6	8.1	7.8	9.6	7.9	7.8	7.5
PHENOLS UG/L	--	--	--	--	--	--	0	0	--
PHOSPHORUS AS P MG/L	.25	.55	.33	.01	.33	.33	.03	.39	.00
POTASSIUM MG/L	1.7	1.7	2.2	2.5	2.3	2.6	2.4	2.3	2.6
RUBIDIUM UG/L	--	--	--	--	--	--	< 2.0	.80	--
SELENIUM UG/L	4	1	0	1	1	1	5	4	1
SILICA MG/L	5.8	3.0	4.0	4.3	3.8	5.3	8.1	7.2	5.4
SILVER UG/L	< .30	< .30	< .40	< .40	< .40	< .40	< .50	< .20	< 2.0
SODIUM MG/L	12	10	12	10	14	17	19	18	33
SPECIFIC COND UMHOS	275	232	227	246	301	332	738	398	938
STRONTIUM UG/L	69	65	68	88	100	100	200	90	5400
SULFATE MG/L	59	56	57	62	70	56	56	85	190
TIN UG/L	< 3.0	< 3.0	< 3.0	< 3.0	< 4.0	< 4.0	< 10	< 5.0	< 12
TITANIUM UG/L	< 3.0	< 2.0	< 4.0	< 2.0	< 3.0	< 2.0	< 5.0	< 2.0	< 12
VANADIUM UG/L	< 3.0	< 3.0	< 2.0	< 2.0	< 3.0	< 2.0	< 7.0	< 3.0	< 12
ZINC UG/L	< 200	--	0	30	20	130	< 440	< 190	30
ZIRCONIUM UG/L	< 3.0	< 4.0	< 5.0	< 4.0	< 4.0	< 6.0	ND	ND	< 26

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

GENESEE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	430506077563300	BERGEN(V)-WELL
B	425748078242501	CORFU(V)-WELL
C	425748078242500	CORFU(V)-WELL
D	430414078110001	ELBA(V)-WELL
E	430414078110000	ELBA(V)-WELL
F	425341077583500	LEROY(V)-MAD & LITTLE BEARD CREEKS
G	425341077583501	LEROY(V)-MAD & LITTLE BEARD CREEKS
H	430331078161301	OAKFIELD(V)-WELLS

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	H
TYPE OF WATER SAMPLED...	DISTRBN	RAW	TREATED	RAW	TREATED	RAW	TREATED	RAW	RAW
DATE.....	11/29/71	11/15/73	11/15/73	03/13/73	03/13/73	11/29/71	11/29/71	11/29/71	03/13/73
ALUMINUM UG/L	270	110	3.0	< 15	< 17	130	55	10	< 5.0
ARSENIC UG/L	1	0	< 1	0	0	6	5	5	0
BARIUM UG/L	< 50	150	32	< 70	< 70	29	29	300	210
BERYLLIUM UG/L	< 5.0	< 2.0	< 2.0	< 10	< 12	< 1.0	< 1.0	< 3.0	< 4.0
BICARBONATE MG/L	340	240	268	312	316	122	121	406	392
BISMUTH UG/L	< 23	< 8.0	< 8.0	< 32	< 37	< 5.0	< 5.0	< 8.0	< 10
BORON UG/L	46	30	33	98	80	19	18	38	40
CADMIUM UG/L	0	0	0	1	0	0	0	0	1
CALCIUM MG/L	48	58	11	540	17	41	41	106	100
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	53	20	10	--	85	19	22	23	33
CHROMIUM UG/L	< 23	< 4	< 4	< 32	< 37	< 5	< 5	< 8	< 10
COBALT UG/L	< 50	< 4.0	< 4.0	< 32	< 37	< 10	< 10	< 8.0	< 10
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	79	4.0	10	7.0	25	19	32	3.0	6.0
CYANIDE MG/L	0	0	0	.01	.02	0	0	0	.01
DISS SOLIDS SUM MG/L	1221	280	345	1833	2154	172	177	449	452
FLUORIDE MG/L	.40	.20	.30	.70	.78	.20	1.2	.20	.20
GALLIUM UG/L	< 5.0	< 4.0	< 2.0	< 15	< 17	< 1.0	< 1.0	< 3.0	< 5.0
GERMANIUM UG/L	< 23	< 8.0	< 8.0	< 32	< 37	< 5.0	< 5.0	< 11	< 10
HARDNESS TOTAL MG/L	198	232	48	--	49	148	148	417	486
HARDNESS NONCARB MG/L	0	35	0	--	0	48	48	84	85
IRON UG/L	31	470	13	630	300	110	85	910	1200
LEAD UG/L	< 23	< 7.0	< 4.0	< 32	< 37	< 5.0	< 5.0	< 5.0	< 10
LITHIUM UG/L	20	10	20	20	10	< 10	< 10	10	10
MAGNESIUM MG/L	19	26	5.0	--	1.6	11	11	37	38
MANGANESE UG/L	< 23	20	< 4.0	< 22	< 25	65	49	230	120
MBAS MG/L	.04	.01	0	.05	.02	.03	.03	.02	.04
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 5.0	< 2.0	< 4.0	< 15	< 17	< 1.0	< 1.0	< 4.0	< 5.0
NICKEL UG/L	< 23	< 4.0	6.0	< 32	< 37	< 5.0	< 5.0	< 10	< 10
NITRATE AS N MG/L	3.1	.01	.01	--	.08	.10	.10	0	1.5
NITRITE AS N MG/L	--	.00	0	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	0	.13	.07	.07	.11	.70	.46	.34	.34
PH UNITS	7.4	7.5	7.9	7.4	8.0	7.9	7.5	7.5	7.5
PHENOLS UG/L	0	--	--	--	--	2.0	1.0	3.0	--
PHOSPHORUS AS P MG/L	.00	.01	.18	.00	.00	.03	.03	.02	.01
POTASSIUM MG/L	4.5	1.2	.90	2.7	1.0	3.0	3.1	1.3	1.5
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	4	4	0	0	0	0	0	1
SILICA MG/L	6.2	15	15	13	13	.90	1.4	11	12
SILVER UG/L	< 2.0	< .70	< .80	< 4.0	< 4.0	< .30	< .30	< .70	< 1.0
SODIUM MG/L	370	10	110	23	680	7.5	7.6	11	13
SPECIFIC COND UMHOS	1940	512	584	2290	3020	323	328	754	736
STRONTIUM UG/L	2300	230	60	9000	380	93	94	430	430
SULFATE MG/L	550	40	41	1100	1200	29	30	60	60
TIN UG/L	< 23	< 8.0	< 8.0	< 32	< 37	< 5.0	< 5.0	< 11	< 10
TITANIUM UG/L	< 11	7.0	< 4.0	< 32	< 37	3.0	3.0	< 5.0	< 10
VANADIUM UG/L	< 11	< 4.0	< 4.0	< 32	< 37	< 3.0	< 3.0	< 5.0	< 10
ZINC UG/L	< 1100	20	90	50	--	< 210	< 210	< 730	130
ZIRCONIUM UG/L	< 50	< 8.0	< 8.0	< 70	< 80	< 10	< 10	< 25	< 22

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

GENESEE COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	430331078161J00	OAKFIELD(V)-WELLS
	B	425300078010001	PAVILION WD #1-WELL #3

SYSTEM(S) ON THIS PAGE..	A	B
TYPE OF WATER SAMPLED...	TREATED	RAW
DATE.....	11/29/71	03/13/73
ALUMINUM UG/L	180	< 5.0
ARSENIC UG/L	4	0
BARIUM UG/L	37	88
BERYLLIUM UG/L	< 3.0	< 4.0
BICARBONATE MG/L	396	312
BISMUTH UG/L	< 8.0	< 10
BORON UG/L	28	28
CADMIUM UG/L	0	1
CALCIUM MG/L	20	110
CARBONATE MG/L	0	0
CHLORIDE MG/L	29	57
CHROMIUM UG/L	< 6	< 10
COBALT UG/L	< 6.0	< 10
COLIFORM COL/100 ML	--	--
COPPER UG/L	110	3.0
CYANIDE MG/L	0	.01
DISS SOLIDS SUM MG/L	490	483
FLUORIDE MG/L	.30	.10
GALLIUM UG/L	< 3.0	< 5.0
GERMANIUM UG/L	< 11	< 10
HARDNESS TOTAL MG/L	85	373
HARDNESS NONCARB MG/L	0	118
IRON UG/L	350	< 10
LEAD UG/L	< 5.0	< 10
LITHIUM UG/L	10	10
MAGNESIUM MG/L	8.5	24
MANGANESE UG/L	26	< 8.0
MBAS MG/L	.04	.14
MERCURY UG/L	< .50	1.4
MOLYBDENUM UG/L	< 4.0	< 5.0
NICKEL UG/L	< 10	< 10
NITRATE AS N MG/L	0	21
NITRITE AS N MG/L	--	--
NITROGEN NH4 AS N MG/L	--	--
NITROGEN NH4+ORG-N MG/L	.26	.02
PH UNITS	7.3	7.7
PHENOLS UG/L	3.0	--
PHOSPHORUS AS P MG/L	.58	0
POTASSIUM MG/L	1.1	7.9
RUBIDIUM UG/L	--	--
SELENIUM UG/L	0	1
SILICA MG/L	11	6.4
SILVER UG/L	< .70	< 1.0
SODIUM MG/L	160	34
SPECIFIC COND UMHOS	791	844
STRONTIUM UG/L	100	360
SULFATE MG/L	65	69
TIN UG/L	< 11	< 10
TITANIUM UG/L	< 5.0	< 10
VANADIUM UG/L	< 5.0	< 10
ZINC UG/L	< 710	40
ZIRCONIUM UG/L	< 25	< 23

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

GREENE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	421538073403200	ATHENS(V)-HOLLISTER LAKE
B	421759074080500	CAIRO WATER CO-IMPOUNDING RESERVOIR
C	421950073544900	CATSKILL(V)-POTIC CREEK RESERVOIR
D	421950073544901	CATSKILL(V)-POTIC CREEK RESERVOIR
E	422154073513500	CORSACKIE(V)-CLIMAX RESERVOIR
F	422154073513501	CORSACKIE(V)-CLIMAX RESERVOIR
G	421729074130200	HENDERSONVILLE WATER COMPANY-RESERVOIR
H	421229074123700	HUNTER WATER COMPANY-SHANTY HOLLOW RESERVOIR

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	G	H
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	RAW	TREATED	RAW	TREATED	DISTRBN	DISTRBN	DISTRBN
DATE.....	11/29/71	11/30/71	11/29/71	11/29/71	11/29/71	11/29/71	11/13/72	04/10/73	11/13/72
ALUMINUM UG/L	50	46	56	58	83	51	--	46	33
ARSENIC UG/L	3	1	6	3	2	2	10	0	0
BARIUM UG/L	12	10	13	12	12	10	--	12	19
BERYLLIUM UG/L	< .60	< .30	< .40	< .40	< .40	< .50	--	< .10	< .20
BICARBONATE MG/L	69	29	55	48	56	64	9	9	8
BISMUTH UG/L	< 2.0	< .90	< 2.0	< 2.0	< 2.0	< 2.0	--	< .50	< .40
BORON UG/L	14	12	10	11	14	15	--	4.0	3.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	30	10	21	22	20	21	3.8	3.5	4.0
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	12	8.6	5.5	9.0	5.4	9.1	.50	1.5	2.0
CHROMIUM UG/L	< 2	< 1	< 2	< 2	< 2	< 2	--	< 1	< 1
COBALT UG/L	< 2.0	< .90	< 4.0	< 4.0	< 2.0	< 2.0	--	< .50	< .40
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	100	320	27	160	50	97	280	220	15
CYANIDE MG/L	0	0	0	0	0	0	0	.01	0
DISS SOLIDS SUM MG/L	113	63	89	89	88	101	24	25	23
FLUORIDE MG/L	.40	.10	.10	.10	.10	.20	0	.20	0
GALLIUM UG/L	< .60	< .30	< .40	< .40	< .40	< .50	--	< .30	< .20
GERMANIUM UG/L	< 3.0	< 2.0	< 2.0	< 2.0	< 2.0	< 3.0	--	< .50	< .40
HARDNESS TOTAL MG/L	89	33	66	69	65	68	14	12	13
HARDNESS NONCARB MG/L	32	9	21	20	19	15	6	5	7
IRON UG/L	150	270	230	200	370	220	--	370	260
LEAD UG/L	5.0	2.0	2.0	2.0	1.0	3.0	--	4.0	2.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	--	< 10
MAGNESIUM MG/L	3.4	1.9	3.3	3.3	3.7	3.7	1.0	.98	.80
MANGANESE UG/L	50	40	76	42	350	240	--	14	10
MBAS MG/L	.08	.02	.04	.05	.84	.06	.02	0	.01
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .90	< .40	< .40	< .40	< .40	< .70	--	< .20	< .20
NICKEL UG/L	4.0	2.0	2.0	9.0	2.0	6.0	--	.60	.80
NITRATE AS N MG/L	0	0	0	0	0	.10	0	.07	.30
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.86	.91	.33	.28	.59	.18	.64	.10	.11
PH UNITS	7.2	7.1	7.4	7.1	7.3	7.7	6.5	6.5	6.8
PHENOLS UG/L	2.0	3.8	5.0	4.0	2.0	1.0	--	--	--
PHOSPHORUS AS P MG/L	.70	.84	.02	.02	.03	.02	.03	.01	.01
POTASSIUM MG/L	1.3	.80	1.2	1.2	1.3	1.3	.60	.10	.20
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	5	2	5	10	0	2	0	0	0
SILICA MG/L	5.1	5.5	3.9	4.1	4.1	4.1	3.0	4.0	2.8
SILVER UG/L	< .20	< .10	.20	< .10	< .10	< .10	--	< .05	< .04
SODIUM MG/L	4.0	6.4	4.0	4.0	3.4	7.7	1.2	2.3	1.8
SPECIFIC COND UMHOS	198	101	159	160	155	172	36	39	41
STRONTIUM UG/L	66	31	54	58	77	78	--	12	20
SULFATE MG/L	22	15	23	22	22	22	9.0	8.0	7.0
TIN UG/L	< 3.0	< 2.0	< 2.0	< 2.0	< 2.0	< 3.0	--	< .40	< .40
TITANIUM UG/L	2.0	1.0	2.0	1.0	2.0	1.0	--	.70	1.0
VANADIUM UG/L	< 2.0	< .60	< .80	< .80	< 1.0	1.0	--	< .40	< .40
ZINC UG/L	< 190	< 90	< 76	< 77	< 140	< 150	--	--	37
ZIRCONIUM UG/L	< 6.0	< 3.0	< 4.0	< 4.0	< 5.0	< 5.0	--	< .60	< .70

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

GREENE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	421845074255000	PRATTSVILLE WD-HUNTERSFIELD STREAM
B	421145074080500	TANNERSVILLE WATER CO-ALLEN HOUK RESERVOIR
C	421830074145700	WINDHAM-SPRINGFED RESERVOIR

SYSTEM(S) ON THIS PAGE..	A	B	C	C
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	DISTRBN
DATE.....	07/17/73	11/30/71	11/13/72	04/10/73
ALUMINUM UG/L	40	72	--	10
ARSENIC UG/L	10	4	0	0
BARIUM UG/L	10	7.0	--	30
BERYLLIUM UG/L	< .30	< .10	--	< .20
BICARBONATE MG/L	25	8	17	12
BISMUTH UG/L	< 1.0	< .50	--	< .90
BORON UG/L	7.0	3.0	--	6.0
CADMIUM UG/L	0	0	0	0
CALCIUM MG/L	4.1	4.0	5.2	5.1
CARBONATE MG/L	0	0	0	0
CHLORIDE MG/L	3.1	.50	3.0	4.5
CHROMIUM UG/L	< 1	1	--	< 1
COBALT UG/L	< .50	< 1.0	--	< .90
COLIFORM COL/100 ML	--	--	--	--
COPPER UG/L	420	240	860	710
CYANIDE MG/L	.01	0	0	0
DISS SOLIDS SUM MG/L	39	20	44	43
FLUORIDE MG/L	.20	0	.10	.30
GALLIUM UG/L	< .50	< .10	--	< .90
GERMANIUM UG/L	< 1.0	< .50	--	< .90
HARDNESS TOTAL MG/L	27	13	21	19
HARDNESS NONCARB MG/L	6	7	7	9
IRON UG/L	50	280	--	45
LEAD UG/L	3.0	13	--	2.0
LITHIUM UG/L	< 2.0	< 10	< 10	--
MAGNESIUM MG/L	1.6	.80	1.9	1.6
MANGANESE UG/L	4.0	40	--	2.0
MBAS MG/L	.02	.01	.02	.01
MERCURY UG/L	5.0	< .50	< .50	< .50
MOLYBDENUM UG/L	< .50	< .10	--	< .20
NICKEL UG/L	1.0	2.0	--	2.0
NITRATE AS N MG/L	.12	.10	.80	.60
NITRITE AS N MG/L	.04	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.07	.20	.17	.22
PH UNITS	7.1	6.5	6.3	6.0
PHENOLS UG/L	--	4.0	--	--
PHOSPHORUS AS P MG/L	.01	.01	.03	.01
POTASSIUM MG/L	.80	.30	1.2	1.0
RUBIDIUM UG/L	--	--	--	--
SELENIUM UG/L	1	0	0	0
SILICA MG/L	3.6	2.2	7.2	6.3
SILVER UG/L	< .10	< .03	--	< .10
SODIUM MG/L	2.0	.80	4.0	5.4
SPECIFIC COND UMHOS	70	34	76	74
STRONTIUM UG/L	23	14	--	25
SULFATE MG/L	7.3	7.6	12	12
TIN UG/L	< 1.0	8.0	--	< .40
TITANIUM UG/L	1.0	2.0	--	< .40
VANADIUM UG/L	< .50	< .20	--	< .60
ZINC UG/L	20	27	--	--
ZIRCONIUM UG/L	< 2.0	< 1.0	--	< .90

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

HAMILTON COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	434675074155400	INDIAN LAKE #D-WELLS
B	432943074212200	SPECULATOR(V)-LAKE PLEASANT
C	432308074172600	WELLS #D-ELBOW CREEK RESERVOIR

SYSTEM(S) ON THIS PAGE...	A	B	C
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN
DATE.....	11/16/71	01/16/73	01/16/73
ALUMINUM UG/L	40	40	130
ARSENIC UG/L	2	0	0
BARIUM UG/L	6.0	6.0	8.0
BERYLLIUM UG/L	< .40	< .20	< .20
BICARBONATE MG/L	64	12	13
BISMUTH UG/L	< 2.0	< .70	< .60
BORON UG/L	8.0	5.0	4.0
CADMIUM UG/L	0	0	0
CALCIUM MG/L	20	5.0	4.8
CARBONATE MG/L	0	0	0
CHLORIDE MG/L	.80	6.3	1.8
CHROMIUM UG/L	< 2	< 1	< 1
COBALT UG/L	< 2.0	< .70	< .60
COLIFORM COL/100 ML	--	--	--
COPPER UG/L	26	600	74
CYANIDE MG/L	0	.01	0
DISS SOLIDS SUM MG/L	71	34	29
FLUORIDE MG/L	.10	.10	.10
GALLIUM UG/L	< .40	< .30	< .30
GERMANIUM UG/L	< 2.0	< .70	< .60
HARDNESS TOTAL MG/L	55	17	15
HARDNESS NONCARB MG/L	2	7	4
IRON UG/L	190	76	890
LEAD UG/L	1.0	16	19
LITHIUM UG/L	< 10	< 10	< 10
MAGNESIUM MG/L	1.2	1.0	.70
MANGANESE UG/L	220	12	30
MBAS MG/L	.01	.03	.02
MERCURY UG/L	< .50	< .50	< .50
MOLYBDENUM UG/L	< .50	< .30	< .30
NICKEL UG/L	1.0	1.0	2.0
NITRATE AS N MG/L	.10	.10	.70
NITRITE AS N MG/L	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--
NITROGEN NH4+ORG-N MG/L	.38	.22	.87
PH UNITS	7.2	7.2	6.8
PHENOLS UG/L	0	--	--
PHOSPHORUS AS P MG/L	0	.00	.00
POTASSIUM MG/L	.80	.20	0
RUBIDIUM UG/L	--	--	--
SELENIUM UG/L	5	2	0
SILICA MG/L	10	2.9	5.8
SILVER UG/L	< .10	< .07	< .05
SODIUM MG/L	1.1	4.7	1.8
SPECIFIC COND UMHOS	119	58	46
STRONTIUM UG/L	65	15	14
SULFATE MG/L	5.6	7.5	6.5
TIN UG/L	< 2.0	< .70	18
TITANIUM UG/L	< .80	1.0	1.0
VANADIUM UG/L	< .80	< .70	< .60
ZINC UG/L	< 120	81	2000
ZIRCONIUM UG/L	< 4.0	< 2.0	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

HERKIMER COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	430610074461700	DOLGEVILLE(V)-ALBERT GULASH RESERVOIR
B	430214075041300	FRANKFORT(V)-HOYER CREEK
C	430140074591800	HERKIMER(V)-MILL CREEK
D	425937075031000	ILION(V)-ILION RESERVOIR #2
E	425937075031001	ILION(V)-ILION RESERVOIR #2
F	430330074520400	LITTLE FALLS(C)-CANDOR RESERVOIR
G	430330074520401	LITTLE FALLS(C)-CANDOR RESERVOIR
H	430818074580000	MIDDLEVILLE(V)-RESERVOIR
I	430039075002200	MOHAWK(V)-WELL

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	RAW	TREATED	RAW	TREATED	DISTRBN	DISTRBN
DATE.....	09/16/71	09/17/71	09/23/71	09/16/71	09/16/71	09/16/71	09/16/71	06/07/72	09/16/71
ALUMINUM UG/L	75	85	42	23	130	190	110	45	11
ARSENIC UG/L	0	0	0	0	3	0	6	2	0
BARIUM UG/L	8.0	60	7.0	57	64	19	18	12	230
BERYLLIUM UG/L	< .20	< .20	< .30	< .80	< 2.0	< .60	< .50	< 2.0	< 2.0
BICARBONATE MG/L	39	168	99	233	160	108	94	120	272
BISMUTH UG/L	< .10	< 12	< 3.0	< 6.0	< 6.0	< 3.0	< 3.0	< 3.0	< 8.0
BORON UG/L	.50	15	5.0	20	18	< 7.0	7.0	5.0	14
CADMIUM UG/L	0	0	0	0	4	0	1	0	0
CALCIUM MG/L	8.0	48	33	95	64	30	29	35	91
CARBONATE MG/L	0	5	0	0	0	0	0	0	0
CHLORIDE MG/L	.40	8.0	2.3	5.6	16	.90	3.7	2.5	31
CHROMIUM UG/L	11	< 6	< 2	< 6	< 6	< 3	< 3	< 3	< 8
COBALT UG/L	< .50	< 6.0	< 2.0	< 6.0	< 3.0	< 2.0	< 2.0	< 3.0	< 4.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	14	93	4.0	170	94	20	58	24	58
CYANIDE MG/L	0	0	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	48	218	113	355	247	107	100	140	349
FLUORIDE MG/L	0	.10	.10	.20	.10	.10	.10	.10	.10
GALLIUM UG/L	< 5.0	< 2.0	< .60	< 2.0	< 26	< 13	< 12	< 2.0	36
GERMANIUM UG/L	< 3.0	< 6.0	< 2.0	< 8.0	< 13	< 6.0	< 6.0	< 5.0	17
HARDNESS TOTAL MG/L	31	173	95	315	213	95	91	110	289
HARDNESS NONCARB MG/L	0	27	14	124	82	6	14	11	66
IRON UG/L	71	170	110	72	61	350	210	100	12
LEAD UG/L	2.0	5.0	< 2.0	< 8.0	< 6.0	< 3.0	< 3.0	< 3.0	13
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	2.6	13	3.0	19	13	4.8	4.5	5.4	15
MANGANESE UG/L	16	47	20	27	12	100	45	50	< 4.0
MBAS MG/L	.01	.03	.02	.03	.02	.02	.03	.02	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	.60	< .50	< .50	2.1
MOLYBDENUM UG/L	< .20	< 2.0	< 2.0	< 4.0	3.0	< .80	.90	2.0	2.0
NICKEL UG/L	< 1.0	< 6.0	< 2.0	< 8.0	< 6.0	< 3.0	< 3.0	< 3.0	< 8.0
NITRATE AS N MG/L	.10	0	0	.40	.50	.10	0	.30	1.9
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.23	.31	.31	.27	.13	.19	.50	.47	0
PH UNITS	7.5	8.4	7.6	8.0	7.7	7.8	7.5	7.8	7.9
PHENOLS UG/L	0	0	0	0	--	0	0	--	0
PHOSPHORUS AS P MG/L	.01	.02	.01	.02	.01	.02	.01	.04	.01
POTASSIUM MG/L	.70	1.7	.70	1.9	1.5	.80	.40	.80	3.5
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	0	4	2	3	6	0	0
SILICA MG/L	8.6	5.6	14	4.2	3.3	6.0	5.1	3.3	6.1
SILVER UG/L	< .10	< .60	< .20	< .60	< .60	< .30	< .30	< .30	< .80
SODIUM MG/L	2.7	6.6	1.2	4.0	3.9	1.7	1.3	2.4	15
SPECIFIC COND UMHOS	68	353	173	576	443	181	176	221	604
STRONTIUM UG/L	30	630	100	3100	2100	140	130	130	700
SULFATE MG/L	5.8	39	10	110	66	9.9	9.6	11	52
TIN UG/L	< 1.0	< 12	< 3.0	< 8.0	< 6.0	< 3.0	< 3.0	< 3.0	< 8.0
TITANIUM UG/L	< 1.0	< 6.0	< 2.0	< 4.0	< 3.0	< 4.0	7.0	4.0	< 4.0
VANADIUM UG/L	.70	< 3.0	< 2.0	< 4.0	< 3.0	< 2.0	< 2.0	< 3.0	< 4.0
ZINC UG/L	< 48	< 530	< 190	< 500	< 260	< 130	200	< 140	< 140
ZIRCONIUM UG/L	< 3.0	< 12	< 4.0	< 17	< 13	< 6.0	< 6.0	< 7.0	< 17

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

HERKIMER COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	431111075005000	NEWPORT(V)-SPRINGS
B	434242074581400	OLD FORGE WD-INDEPENDENCE LAKE
C	431343075032700	POLAND(V)-RESERVOIR
D	425300074470001	VAN HORNESVILLE(U)-SPRINGS
E	425306075115900	WEST WINFIELD(V)-WELLS

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	Raw	DISTRBN
DATE.....	10/02/73	09/17/71	06/07/72	02/23/73	09/16/71
ALUMINUM UG/L	10	340	16	280	12
ARSENIC UG/L	< 1	0	0	0	0
BARIUM UG/L	4.0	16	18	< 32	41
BERYLLIUM UG/L	< 1.0	.10	< 3.0	< 5.0	< 2.0
BICARBONATE MG/L	138	6	214	238	272
BISMUTH UG/L	< 4.0	< 2.0	< 7.0	< 15	< 7.0
BORON UG/L	4.0	5.0	9.0	28	20
CADMIUM UG/L	0	0	1	0	0
CALCIUM MG/L	39	3.2	60	220	88
CARBONATE MG/L	0	0	0	0	0
CHLORIDE MG/L	.60	1.4	14	2.6	6.8
CHROMIUM UG/L	< 2	1	< 7	< 15	< 7
COBALT UG/L	< 4.0	1.0	< 7.0	< 15	< 4.0
COLIFORM COL/100 ML	--	--	--	--	--
COPPER UG/L	0	260	30	< 3.0	130
CYANIDE MG/L	0	0	0	.01	0
DISS SOLIDS SUM MG/L	135	21	261	859	280
FLUORIDE MG/L	.20	.20	.10	.50	.10
GALLIUM UG/L	< 2.0	< .10	< 3.0	< 7.0	< 31
GERMANIUM UG/L	< 4.0	< .50	< 10	< 15	< 15
HARDNESS TOTAL MG/L	119	9	228	698	258
HARDNESS NONCARB MG/L	6	4	53	582	35
IRON UG/L	< 4.0	780	37	28	10
LEAD UG/L	< 4.0	13	< 7.0	< 15	< 7.0
LITHIUM UG/L	0	< 10	< 10	20	< 10
MAGNESIUM MG/L	5.3	.30	6.9	36	9.2
MANGANESE UG/L	< 3.0	460	< 3.0	< 10	< 4.0
MBAS MG/L	.01	.02	.07	.02	.04
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	.20	< 3.0	< 7.0	< 2.0
NICKEL UG/L	< 4.0	1.0	< 7.0	< 15	< 7.0
NITRATE AS N MG/L	.23	.10	7.8	2.6	2.1
NITRITE AS N MG/L	.01	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	0	.56	.58	.18	.07
PH UNITS	8.2	6.3	7.9	7.8	7.7
PHENOLS UG/L	--	0	--	--	0
PHOSPHORUS AS P MG/L	.00	.03	.00	.00	.01
POTASSIUM MG/L	.40	.40	2.8	1.6	1.8
RUBIDIUM UG/L	--	--	--	--	--
SELENIUM UG/L	5	3	0	0	6
SILICA MG/L	9.1	3.9	12	6.8	4.5
SILVER UG/L	0	.09	< .50	< 2.0	< .70
SODIUM MG/L	1.3	1.2	6.1	2.8	4.7
SPECIFIC CUND UMHOS	239	38	493	1140	485
STRONTIUM UG/L	83	15	240	14000	670
SULFATE MG/L	11	6.9	26	470	29
TIN UG/L	< 4.0	< 2.0	< 7.0	< 15	< 7.0
TITANIUM UG/L	< 3.0	5.0	< 7.0	< 15	< 4.0
VANADIUM UG/L	< 2.0	.60	< 5.0	< 15	< 4.0
ZINC UG/L	30	1400	660	10	< 310
ZIRCONIUM UG/L	< 6.0	1.0	< 14	< 32	< 15

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

JEFFERSON COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	434834076012900	ADAMS(V)-SPRINGS
B	442015075551700	ALEXANDRIA BAY(V)-ST LAWRENCE RIVER
C	442015075551701	ALEXANDRIA BAY(V)-ST LAWRENCE RIVER

SYSTEM(S) ON THIS PAGE..	A	B	B	B	B	B	C	C	C
TYPE OF WATER SAMPLED...	DISTRBN	RAW	RAW	RAW	RAW	RAW	TREATED	TREATED	TREATED
DATE.....	09/27/71	12/14/70	07/14/71	10/13/71	01/19/72	04/05/72	12/14/70	07/14/71	10/13/71
ALUMINUM UG/L	17	10	33	63	45	120	14	40	110
ARSENIC UG/L	0	0	0	0	2	5	0	0	0
BARIUM UG/L	36	29	28	29	33	30	29	27	29
BERYLLIUM UG/L	< 2.0	< .90	< .90	< .90	< .90	< .80	< .90	< .90	< .40
BICARBONATE MG/L	270	114	108	110	115	112	112	106	110
BISMUTH UG/L	< 3.0	< 3.0	< 3.0	< 4.0	< 5.0	< 4.0	< 3.0	< 3.0	< 4.0
BORON UG/L	8.0	18	15	18	25	20	17	13	20
CADMIUM UG/L	0	--	0	0	1	0	--	0	0
CALCIUM MG/L	94	41	39	39	40	41	43	43	40
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	10	31	30	28	28	28	29	31	29
CHROMIUM UG/L	8	< 3	< 2	< 4	< 5	< 2	< 3	< 2	< 4
COBALT UG/L	< 2.0	< 3.0	< 2.0	< 2.0	< 5.0	< 4.0	< 3.0	< 2.0	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	590	2.0	7.0	2.0	3.0	2.0	7.0	25	40
CYANIDE MG/L	0	0	.01	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	277	176	172	170	176	176	178	177	174
FLUORIDE MG/L	.10	.10	.20	.20	.20	.20	.10	.10	.20
GALLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< .90	< 2.0	< 2.0	< 2.0	< 2.0
GERMANIUM UG/L	< 7.0	< 4.0	< 4.0	< 4.0	< 5.0	< 4.0	< 4.0	< 4.0	< 4.0
HARDNESS TOTAL MG/L	257	130	126	129	132	135	136	136	131
HARDNESS NONCARB MG/L	35	36	37	38	38	43	44	49	41
IRON UG/L	21	24	45	82	45	110	8.0	190	1900
LEAD UG/L	4.0	< 3.0	2.0	< 9.0	4.0	< 2.9	< 3.0	< 2.0	< 9.0
LITHIUM UG/L	< 10	2.0	2.0	< 10	< 10	< 10	2.0	2.0	< 10
MAGNESIUM MG/L	5.3	6.7	6.9	7.6	7.8	8.0	6.9	7.0	7.5
MANGANESE UG/L	< 3.0	18	5.0	5.0	3.0	10	2.0	11	21
NH4AS MG/L	.03	.02	.03	.02	.02	.02	.02	.04	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	1.0	2.0	1.0	2.0	< .80	1.0	2.0	1.0
NICKEL UG/L	< 7.0	< 2.0	5.0	< 4.0	< 5.0	< 4.0	< 2.0	8.0	5.0
NITRATE AS N MG/L	2.2	.20	0	0	.20	.20	.20	.30	.10
NITRITE AS N MG/L	--	.01	.07	--	--	--	0	0	--
NITROGEN NH4 AS N MG/L	--	.14	.11	--	--	--	0	.04	--
NITROGEN NH4+ORG-N MG/L	.37	--	.27	.34	.16	.24	--	.54	.31
PH UNITS	7.8	7.9	8.2	8.1	8.1	7.8	8.0	7.7	7.9
PHENOLS UG/L	0	1.0	2.0	5.0	2.0	7.0	4.0	0	0
PHOSPHORUS AS P MG/L	.01	.09	.02	.03	.03	.02	.05	.01	.03
POTASSIUM MG/L	1.1	1.2	1.4	1.6	1.4	1.5	1.2	1.6	1.6
RUBIDIUM UG/L	--	1.0	< 2.0	--	--	--	1.0	< 2.0	--
SELENIUM UG/L	8	7	1	3	4	8	4	3	4
SILICA MG/L	4.9	.40	.10	.20	.40	.40	.30	.10	.20
SILVER UG/L	< .70	< .20	< .20	< .40	< .90	< .80	< .20	< .20	< .40
SODIUM MG/L	5.3	12	13	12	13	13	13	13	13
SPECIFIC COND UMHOS	487	331	318	314	321	331	329	325	317
STRONTIUM UG/L	150	190	140	180	260	160	200	150	180
SULFATE MG/L	21	27	28	27	28	29	29	29	28
TIN UG/L	< 7.0	< 3.0	< 4.0	< 4.0	< 10	< 4.0	< 3.0	< 4.0	< 4.0
TITANIUM UG/L	< 7.0	2.0	2.0	5.0	3.0	7.0	< 1.0	2.0	7.0
VANADIUM UG/L	< 3.0	< 3.0	< 2.0	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 2.0
ZINC UG/L	< 300	< 170	< 180	< 190	< 430	< 180	< 170	< 180	< 190
ZIRCONIUM UG/L	< 14	< 9.0	< 6.0	< 9.0	< 10	< 9.0	< 9.0	< 6.0	< 9.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

JEFFERSON COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	442015075551701	ALEXANDRIA BAY(V)-ST LAWRENCE RIVER
B	441155075362500	ANTWERP(V)-WELLS
C	440017075481500	BLACK RIVER(V)-SPRINGS
D	440009075590200	BROWNVILLE(V)-WELLS
E	440748076195500	CAPE VINCENT(V)-ST LAWRENCE RIVER
F	440748076195501	CAPE VINCENT(V)-ST LAWRENCE RIVER
G	435944075363400	CARTHAGE(V)-PINE CREEK
H	440401076074700	CHAUMONT(V)-CHAUMONT BAY

SYSTEM(S) ON THIS PAGE..	A	A	B	C	D	E	F	G	H
TYPE OF WATER SAMPLED...	TREATED	TREATED	DISTRBN	DISTRBN	DISTRBN	RAW	TREATED	DISTRBN	DISTRBN
DATE.....	01/19/72	04/05/72	10/13/71	09/27/71	09/27/71	10/28/70	10/28/70	09/27/71	08/08/72
ALUMINUM UG/L	120	50	36	7.0	11	17	10	16	40
ARSENIC UG/L	1	4	2	4	0	0	0	3	4
BARIUM UG/L	34	28	22	35	56	28	25	3.0	22
BERYLLIUM UG/L	< .98	< .40	< .40	< .40	< 2.0	< .40	< .40	< .20	< 2.0
BICARBONATE MG/L	114	109	54	152	236	108	106	20	101
BISMUTH UG/L	< 5.0	< 4.0	< 2.0	< 2.0	< 3.0	< 4.0	< 4.0	< .40	< 4.0
BORON UG/L	26	16	14	10	18	17	16	6.0	11
CADMIUM UG/L	0	0	0	0	0	1	0	0	0
CALCIUM MG/L	40	41	18	50	80	39	40	7.0	36
CARBONATE MG/L	0	0	0	0	0	0	0	0	4
CHLORIDE MG/L	29	29	5.6	3.1	4.6	28	29	1.3	23
CHROMIUM UG/L	< 5	3	< 2	< 4	< 4	< 4	< 4	1	< 4
COBALT UG/L	< 5.0	< 4.0	< .80	< .80	< 2.0	< 4.0	< 4.0	< .20	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	21	5.0	500	310	24	5.0	3.0	120	130
CYANIDE MG/L	0	0	0	0	0	--	0	0	0
DISS SOLIDS SUM MG/L	177	177	65	151	247	167	168	41	159
FLUORIDE MG/L	.20	.20	.10	.10	.10	.20	.20	.60	.20
GALLIUM UG/L	< .98	< 2.0	< .80	< .80	< 2.0	ND	ND	< .20	< 2.0
GERMANIUM UG/L	< 5.0	< 4.0	< 2.0	< 4.0	< 6.0	< 4.0	< 4.0	< .70	< 4.0
HARDNESS TOTAL MG/L	132	136	61	139	220	122	125	24	114
HARDNESS NONCARB MG/L	38	47	16	14	27	33	38	7	21
IRON UG/L	190	64	510	9.0	19	8.0	8.0	130	56
LEAD UG/L	7.0	< 2.0	6.8	< 2.0	< 3.0	< 4.0	< 4.0	.70	4.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	2.0	3.0	< 10	< 10
MAGNESIUM MG/L	7.8	8.2	3.8	3.4	5.8	5.9	6.0	1.5	5.8
MANGANESE UG/L	8.0	6.0	37	< 2.0	< 3.0	< 2.0	< 2.0	4.0	9.0
MBAS MG/L	.02	.02	.04	.01	.02	.02	.02	.01	.06
MERCURY UG/L	< .50	1.1	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	2.0	.90	.70	< .80	< 2.0	.90	1.0	< .20	< 2.0
NICKEL UG/L	< 5.0	< 4.0	< 4.0	< 4.0	< 6.0	< 2.0	< 2.0	1.0	< 4.0
NITRATE AS N MG/L	.20	.20	0	.80	.20	.07	0	.20	.07
NITRITE AS N MG/L	--	--	--	--	--	0	0	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	.02	.02	--	--
NITROGEN NH4+ORG-N MG/L	.25	.28	.35	.12	.19	--	--	.13	.44
PH UNITS	7.9	7.5	7.2	7.7	7.8	7.9	7.6	6.8	8.5
PHENOLS UG/L	2.0	1.0	1.0	0	0	0	0	0	--
PHOSPHORUS AS P MG/L	.06	.02	.03	.01	.02	.05	.04	.02	.05
POTASSIUM MG/L	1.5	1.5	.80	.70	1.9	1.2	1.3	.50	1.6
RUBIDIUM UG/L	--	--	--	--	--	1.0	2.0	--	--
SELENIUM UG/L	2	0	2	0	1	1	1	0	0
SILICA MG/L	.50	.40	2.5	5.6	4.1	.28	.20	12	1.7
SILVER UG/L	< .98	< .80	< .20	< .40	< .60	< .40	< .40	< .10	< .40
SODIUM MG/L	13	13	1.5	2.5	4.9	12	12	1.7	12
SPECIFIC COND UMHOS	325	334	119	270	429	322	324	58	288
STRONTIUM UG/L	230	190	98	130	360	150	150	17	150
SULFATE MG/L	29	30	6.5	18	30	27	27	6.0	23
TIN UG/L	< 10	< 4.0	< .80	< 4.0	< 6.0	< 4.0	< 4.0	< .70	< 3.0
TITANIUM UG/L	7.0	7.0	2.0	< 4.0	< 6.0	< 3.0	< 3.0	1.0	< 3.0
VANADIUM UG/L	< 2.0	< 2.0	< .80	< 2.0	< 3.0	< 4.0	< 4.0	< .40	< 2.0
ZINC UG/L	< 440	< 180	< 170	< 170	< 270	< 240	< 260	< 35	< 230
ZIRCONIUM UG/L	< 10	< 9.0	< 4.0	< 8.0	< 13	ND	ND	< 2.0	< 4.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

JEFFERSON COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	441420076063000	CLAYTON(V)-ST LAWRENCE RIVER
B	440222075400500	DEFERIET(V)-WELLS
C	440040076022101	DEXTER(V)-WELL
D	440040076022100	DEXTER(V)-WELL
E	440523075404400	EVANS MILLS(V)-WEST CREEK
F	440929075422100	PHILADELPHIA(V)-SPRINGFED RESERVOIR
G	435700076072800	SACKETTS HARBOR(V)-LAKE ONTARIO

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	G	G
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	RAW	TREATED	DISTRBN	DISTRBN	RAW	RAW	RAW
DATE.....	10/13/71	11/15/73	09/27/71	09/27/71	08/26/72	10/13/71	10/27/70	07/13/71	10/22/71
ALUMINUM UG/L	34	5.0	33	54	71	46	10	32	44
ARSENIC UG/L	0	0	2	0	0	0	0	0	1
BARIUM UG/L	30	52	130	45	68	27	27	26	34
BERYLLIUM UG/L	< .00	< 1.0	< 4.0	< 4.0	< 2.0	< .30	< .40	< .40	< .90
BICARBONATE MG/L	105	147	286	298	219	40	96	100	100
BISMUTH UG/L	< 4.0	< 5.0	< 9.0	< 9.0	< 5.0	< 2.0	< 4.0	< 4.0	< 5.0
BORON UG/L	19	72	150	180	12	8.0	16	11	24
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	39	35	120	17	65	12	35	40	37
CARBONATE MG/L	0	0	0	0	0	2	0	0	0
CHLORIDE MG/L	24	15	340	340	9.5	.40	24	29	26
CHROMIUM UG/L	< 4	< 2	< 19	< 18	< 6	< 2	< 4	< 4	< 5
COBALT UG/L	< 2.0	< 2.0	< 4.0	< 4.0	< 5.0	< .70	< 4.0	< 2.0	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	50	34	54	31	54	16	4.0	2.0	3.0
CYANIDE MG/L	0	0	0	0	0	0	0	.01	.01
DISS SOLIDS SUM MG/L	170	186	873	926	227	53	151	172	161
FLUORIDE MG/L	.20	.40	.30	.50	.20	.20	.20	.10	.20
GALLIUM UG/L	< 2.0	< 3.0	< 4.0	< 4.0	< 2.0	< 7.0	ND	< 3.0	< 2.0
GERMANIUM UG/L	< 4.0	< 5.0	< 19	< 18	< 5.0	< 3.0	< 4.0	< 6.0	< 10
HARDNESS TOTAL MG/L	127	122	419	64	199	39	110	129	123
HARDNESS NONCARB MG/L	41	1	184	0	20	2	31	41	41
IRON UG/L	38	23	66	60	108	47	21	92	120
LEAD UG/L	< 9.0	4.0	< 9.0	320	< 3.0	3.0	< 4.0	7.0	2.0
LITHIUM UG/L	< 10	20	100	150	< 10	< 10	2.0	3.0	< 10
MAGNESIUM MG/L	7.3	8.3	29	5.2	9.0	2.1	5.4	7.1	7.5
MANGANESE UG/L	3.0	4.0	< 9.0	< 9.0	11	1.0	2.0	12	10
MBAS MG/L	.02	0	.07	.07	.03	0	.02	.02	.02
MERCURY UG/L	< .50	.70	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	1.0	< 1.0	< 4.0	< 4.0	< 3.0	< .30	.90	1.0	1.0
NICKEL UG/L	< 4.0	< 2.0	< 19	< 18	< 5.0	< 2.0	< 2.0	< 2.0	< 2.0
NITRATE AS N MG/L	0	.15	.40	.50	.40	.40	.05	.12	0
NITRITE AS N MG/L	--	.01	--	--	--	--	0	.01	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	.04	.09	--
NITROGEN NH4+ORG-N MG/L	.20	.04	.26	.21	.33	.31	--	.94	.36
PH UNITS	7.9	8.2	7.5	7.5	8.3	8.4	7.7	7.9	7.1
PHENOLS UG/L	0	--	0	0	--	0	0	4.0	11
PHOSPHORUS AS P MG/L	.07	.01	.01	.40	.01	.07	.04	.04	.02
POTASSIUM MG/L	1.7	2.4	4.0	8.7	1.3	.50	1.2	1.0	1.5
RUBIDIUM UG/L	--	--	--	--	--	--	1.0	.90	--
SELENIUM UG/L	2	0	1	0	0	6	1	3	0
SILICA MG/L	.20	7.7	7.5	7.6	7.1	8.1	.40	.10	.30
SILVER UG/L	< .40	< .40	< 2.0	< 2.0	< .50	< .10	< .40	< .30	< .50
SODIUM MG/L	13	19	160	330	7.6	1.9	11	13	13
SPECIFIC COND UMHOS	319	324	1560	1580	390	98	293	310	310
STRONTIUM UG/L	180	1300	5600	1100	280	56	140	160	270
SULFATE MG/L	28	26	78	78	19	6.0	24	29	24
TIN UG/L	< 4.0	< 5.0	< 19	34	< 5.0	< 2.0	< 4.0	< 6.0	< 10
TITANIUM UG/L	3.0	< 2.0	< 19	< 18	< 4.0	2.0	2.0	< 3.0	< .90
VANADIUM UG/L	< 2.0	< 2.0	< 9.0	< 9.0	< 4.0	< .70	< 4.0	< 2.0	< 2.0
ZINC UG/L	< 180	50	< 860	< 840	< 360	< 84	< 240	< 240	< 430
ZIRCONIUM UG/L	< 9.0	< 5.0	< 48	< 39	< 8.0	< 3.0	ND	< 8.0	< 10

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

JEFFERSON COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	435700076072800	SACKETTS HARBOR(V)-LAKE ONTARIO
B	435700076072801	SACKETTS HARBOR(V)-LAKE ONTARIO
C	441257075475900	THERESA(V)-WELLS
D	441714076014500	THOUSAND ISLAND PARK-ST LAWRENCE RIVER

SYSTEM(S) ON THIS PAGE..	A	A	B	B	B	B	B	C	D
TYPE OF WATER SAMPLED...	RAW	RAW	TREATED	TREATED	TREATED	TREATED	TREATED	DISTRBN	DISTRBN
DATE.....	01/20/72	04/11/72	10/27/70	07/13/71	10/22/71	01/20/72	04/11/72	10/13/71	08/08/72
ALUMINUM UG/L	60	170	15	17	24	36	20	14	70
ARSENIC UG/L	2	6	0	0	0	1	1	0	5
BARIUM UG/L	27	29	25	28	33	23	27	78	31
BERYLLIUM UG/L	< .80	< 2.0	< .40	< .80	< .80	< .80	< 2.0	< 3.0	< 2.0
BICARBONATE MG/L	111	113	94	105	102	106	109	285	108
BISMUTH UG/L	< 4.0	< 5.0	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0	< 10	< 4.0
BORON UG/L	16	15	18	11	21	18	14	93	14
CADMIUM UG/L	3	0	0	0	0	0	0	0	0
CALCIUM MG/L	39	40	36	40	37	39	42	110	40
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	28	27	26	31	28	28	31	43	31
CHROMIUM UG/L	< 3	< 5	< 4	< 4	< 4	< 3	< 5	< 10	< 4
COBALT UG/L	< 4.0	< 5.0	< 4.0	< 2.0	< 2.0	< 4.0	< 5.0	< 5.0	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	2.0	7.0	37	7.0	29	7.0	110	90	3.0
CYANIDE MG/L	0	0	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	174	174	152	173	164	169	179	469	175
FLUORIDE MG/L	.20	.20	.10	.10	.20	.20	.20	.60	.20
GALLIUM UG/L	< .80	< 2.0	ND	< 3.0	< 2.0	< .80	< 2.0	< 5.0	< 2.0
GERMANIUM UG/L	< 4.0	< 7.0	< 4.0	< 6.0	< 9.0	< 4.0	< 7.0	< 10	< 4.0
HARDNESS TOTAL MG/L	128	133	111	129	124	128	137	386	131
HARDNESS NONCARB MG/L	37	40	34	43	40	41	48	152	42
IRON UG/L	88	210	67	78	55	36	90	150	44
LEAD UG/L	4.0	9.0	< 4.0	5.0	< 2.0	< 2.0	< 7.0	< 22	5.0
LITHIUM UG/L	< 10	< 10	2.0	3.0	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	7.5	8.0	5.1	7.1	7.6	7.4	7.8	27	7.5
MANGANESE UG/L	6.0	13	< 2.0	6.0	4.0	2.0	2.0	41	11
MBAS MG/L	.03	.03	.02	.02	.02	.03	.04	.02	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	--	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 2.0	.80	1.0	2.0	< 2.0	< 2.0	< 3.0	< 2.0
NICKEL UG/L	< 4.0	4.0	< 2.0	< 2.0	< 2.0	< 4.0	< 4.0	< 10	5.0
NITRATE AS N MG/L	.30	.20	.07	.12	0	.20	.20	.10	.09
NITRITE AS N MG/L	--	--	0	0	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	.02	.04	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.67	.64	--	.21	.80	.15	.14	.30	.55
PH UNITS	7.7	7.4	7.6	7.7	7.6	7.7	7.2	7.5	8.1
PHENOLS UG/L	4.0	--	0	0	2.0	0	0	0	--
PHOSPHORUS AS P MG/L	.05	.02	.05	.02	.02	.02	.01	.05	.04
POTASSIUM MG/L	2.1	1.5	1.1	1.5	1.5	1.3	1.5	3.2	1.4
RUBIDIUM UG/L	--	--	1.0	.90	--	--	--	--	--
SELENIUM UG/L	0	2	1	0	2	7	0	5	1
SILICA MG/L	.70	.60	1.1	.30	.30	.90	.50	11	.70
SILVER UG/L	< .40	< .50	< .40	< .30	< .40	< .40	< .40	< 2.0	< .40
SODIUM MG/L	14	12	11	13	13	13	13	24	15
SPECIFIC COND UMHOS	326	329	288	320	313	312	336	754	326
STRONTIUM UG/L	180	230	140	160	230	170	230	2100	150
SULFATE MG/L	28	29	25	28	24	27	29	110	26
TIN UG/L	< 4.0	< 5.0	< 4.0	< 6.0	< 9.0	< 4.0	< 5.0	< 10	< 3.0
TITANIUM UG/L	5.0	8.0	< 2.0	< 3.0	< .80	4.0	< 5.0	< 5.0	3.0
VANADIUM UG/L	< 2.0	< 3.0	< 4.0	< 2.0	< 2.0	< 2.0	< 3.0	< 5.0	< 2.0
ZINC UG/L	< 210	< 200	< 240	< 230	< 400	< 200	< 200	< 470	190
ZIRCONIUM UG/L	< 8.0	< 20	ND	< 8.0	< 9.0	< 8.0	< 20	< 22	< 4.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

JEFFERSON COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	435903075514300	WATERTOWN(C)-BLACK RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	12/15/70	02/22/71	07/13/71	10/21/71	01/20/72	04/11/72	05/16/72	05/30/72	06/12/72
ALUMINUM UG/L	110	110	96	170	330	150	240	200	130
ARSENIC UG/L	0	0	6	9	8	7	4	8	13
BARIUM UG/L	22	21	26	17	21	25	22	26	23
BERYLLIUM UG/L	< .50	< .20	< .40	< .30	< .40	< .60	< .70	< .50	< .60
BICARBONATE MG/L	80	64	43	32	55	96	48	64	64
BISMUTH UG/L	< 2.0	< 2.0	< .80	< 2.0	< 2.0	< 3.0	< 2.0	< 2.0	< 2.0
BORON UG/L	10	12	10	10	9.0	10	8.0	10	13
CADMIUM UG/L	--	--	0	0	0	0	0	0	0
CALCIUM MG/L	28	24	17	11	19	33	17	24	24
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	9.2	6.3	5.0	2.0	3.0	4.9	2.5	3.3	3.3
CHROMIUM UG/L	< 2	< 2	< 2	< 2	< 2	< 3	< 4	< 2	< 2
COBALT UG/L	< 2.0	< 2.0	< .80	< .60	< 2.0	2.0	< 2.0	< 2.0	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	1500
COPPER UG/L	4.0	2.0	2.0	4.0	2.0	5.0	3.0	4.0	2.0
CYANIDE MG/L	0	0	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	130	93	77	52	77	114	62	83	80
FLUORIDE MG/L	1.0	.10	.10	.10	.10	.10	.10	.10	.10
GALLIUM UG/L	< .90	< .80	< .80	< .60	< .40	< 2.0	< 2.0	< .90	< .90
GERMANIUM UG/L	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 3.0	< 4.0	< 3.0	< 3.0
HARDNESS TOTAL MG/L	82	70	49	32	56	96	49	69	67
HARDNESS NONCARB MG/L	33	17	14	6	11	19	11	16	15
IRON UG/L	180	200	610	450	350	240	360	770	550
LEAD UG/L	2.0	1.0	< 2.0	1.0	1.0	< 3.0	< 2.0	< 2.0	< 2.0
LITHIUM UG/L	.60	.80	.80	< 10	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	3.0	2.4	1.6	1.2	2.0	3.3	1.6	2.1	1.8
MANGANESE UG/L	56	65	310	33	83	64	93	180	130
MBAS MG/L	.04	.06	.07	.04	.03	.05	.03	.03	.07
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .50	< .40	< .40	< .30	< 1.0	< 2.0	< .38	< .90	< .90
NICKEL UG/L	5.0	1.0	2.0	1.0	2.0	< 3.0	2.0	2.0	< 2.0
NITRATE AS N MG/L	1.4	1.0	.02	.10	.80	1.2	.80	.50	.50
NITRITE AS N MG/L	.02	.01	.01	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	.14	.12	.07	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	--	--	.57	.34	.46	.31	1.1	.72	.63
PH UNITS	7.5	7.3	6.8	7.1	7.3	6.9	7.2	7.3	7.3
PHENOLS UG/L	3.0	1.0	15	--	16	--	--	--	--
PHOSPHORUS AS P MG/L	.03	0	.04	.02	.01	.02	.04	.09	.03
POTASSIUM MG/L	1.0	.90	.70	.70	1.0	1.1	1.0	.80	.70
RUBIDIUM UG/L	2.0	2.0	2.0	--	--	--	--	--	--
SELENIUM UG/L	5	7	0	16	3	3	0	0	0
SILICA MG/L	6.1	6.7	4.3	5.4	7.2	5.1	3.5	3.4	3.6
SILVER UG/L	< .09	< .10	< .20	< .10	< .20	< .60	< .30	< .20	< .20
SODIUM MG/L	12	3.2	6.2	3.4	3.0	3.0	2.1	2.7	2.5
SPECIFIC COND UMHOS	226	162	125	85	130	208	113	146	140
STRONTIUM UG/L	55	58	42	35	49	49	32	48	70
SULFATE MG/L	34	17	21	12	14	16	11	14	12
TIN UG/L	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 3.0	< 4.0	< 2.0	< 2.0
TITANIUM UG/L	2.0	3.0	2.0	4.0	15	8.0	7.0	8.0	1.0
VANADIUM UG/L	< 2.0	< 2.0	< 8.0	< .80	< .80	< 6.0	< 2.0	< 2.0	< 2.0
ZINC UG/L	90	< 75	< 79	< 120	< 110	< 270	< 78	< 130	< 120
ZIRCONIUM UG/L	< 5.0	< 4.0	< 4.0	< 3.0	< 4.0	< 6.0	< 4.0	< 5.0	< 4.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

JEFFERSON COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	435903075514300	WATERTOWN(C)-BLACK RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	07/11/72	07/25/72	08/08/72	08/24/72	09/05/72	09/19/72	10/03/72	10/19/72	10/31/72
ALUMINUM UG/L	220	170	140	440	160	140	180	150	180
ARSENIC UG/L	14	23	6	10	1	9	0	0	18
BARIUM UG/L	24	23	21	23	24	16	19	16	31
BERYLLIUM UG/L	< .40	< .90	< 1.0	< .60	< .70	< .60	< .50	< .30	< .50
BICARBONATE MG/L	54	64	81	63	63	44	47	47	49
BISMUTH UG/L	< 2.0	< 2.0	< 3.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
BORON UG/L	8.0	9.0	9.0	5.0	10	6.0	6.0	8.0	8.0
CADMIUM UG/L	0	0	0	1	0	0	0	0	0
CALCIUM MG/L	19	22	28	21	22	15	16	17	18
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	2.3	2.5	2.3	3.0	3.4	2.4	2.5	3.5	3.0
CHROMIUM UG/L	< 2	< 4	< 3	< 2	< 2	< 1	< 2	< 2	< 2
COBALT UG/L	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.0
COLIFORM COL/100 ML	--	6500	350	240	5000	240	950	2600	K 950
COPPER UG/L	2.0	3.0	2.0	4.0	3.0	2.0	4.0	2.0	1.0
CYANIDE MG/L	0	.01	0	.01	.01	.01	.07	.01	0
DISS SOLIDS SUM MG/L	70	80	98	80	81	64	68	88	72
FLUORIDE MG/L	.10	.10	.10	.10	.10	.10	.10	.10	.10
GALLIUM UG/L	< .90	< 2.0	< 1.0	< .90	< 1.0	< 1.0	< .70	< .70	< .70
GERMANIUM UG/L	< 2.0	< 4.0	< 3.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
HARDNESS TOTAL MG/L	54	64	81	61	64	44	47	49	53
HARDNESS NONCARB MG/L	10	11	14	10	12	8	8	11	13
IRON UG/L	830	810	460	890	1200	640	680	500	580
LEAD UG/L	3.0	< 2.0	< 2.0	2.0	2.0	2.0	4.0	3.0	2.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	1.7	2.2	2.6	2.2	2.2	1.5	1.7	1.7	1.9
MANGANESE UG/L	73	57	46	150	200	85	96	46	62
MBAS MG/L	.05	.03	.03	.04	.06	.05	.04	.03	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .90	< .40	< 1.0	< .90	< 1.0	< .60	< .70	< .70	< .70
NICKEL UG/L	2.0	< .90	3.0	< 2.0	< 2.0	2.0	5.0	< 2.0	< 2.0
NITRATE AS N MG/L	.40	.50	.60	.40	.40	.18	.20	.30	.30
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	1.1	.24	.49	.59	.57	.55	.43	.37	.53
PH UNITS	7.4	7.5	7.6	7.6	7.4	7.4	7.4	7.1	7.3
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.06	.05	.02	.12	.04	.02	.04	.03	.02
POTASSIUM MG/L	.60	.70	.80	.70	.80	.70	.90	.90	1.1
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	2	0	4	0	4	8	4
SILICA MG/L	4.6	5.0	5.4	5.8	6.3	6.1	6.7	6.1	6.8
SILVER UG/L	< .20	< .40	< .20	< .20	< .20	< .20	< .20	< .20	< .20
SODIUM MG/L	2.3	2.4	3.1	3.2	3.0	3.7	3.5	3.5	2.9
SPECIFIC COND UMHOS	121	140	171	141	142	108	106	114	118
STRONTIUM UG/L	45	49	48	39	40	28	35	32	39
SULFATE MG/L	12	13	15	13	12	13	13	12	14
TIN UG/L	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TITANIUM UG/L	9.0	4.0	5.0	9.0	7.0	10	11	10	11
VANADIUM UG/L	< 2.0	< .90	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0
ZINC UG/L	< 140	< 180	< 150	< 130	< 140	< 100	< 100	< 100	30
ZIRCONIUM UG/L	< 4.0	< 4.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 2.0	< 4.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

JEFFERSON COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	435903075514300	WATERTOWN(C)-BLACK RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	11/14/72	11/28/72	12/12/72	12/26/72	01/09/73	01/23/73	02/06/73	02/20/73	03/06/73
ALUMINUM UG/L	380	390	370	170	280	210	1000	230	270
ARSENIC UG/L	10	10	10	10	10	10	10	0	0
BARIUM UG/L	25	20	15	16	16	15	18	16	16
BERYLLIUM UG/L	< .50	< .70	< .30	< .50	< .30	< .30	< .50	< .40	< .50
BICARBONATE MG/L	69	58	34	42	39	46	37	49	43
BISMUTH UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
BORON UG/L	11	8.0	7.0	7.0	6.0	9.0	7.0	8.0	7.0
CADMIUM UG/L	0	--	0	0	1	0	0	0	0
CALCIUM MG/L	26	21	14	16	17	18	13	18	16
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	2.5	3.2	2.1	2.0	2.0	2.0	2.0	1.9	3.0
CHROMIUM UG/L	< 4	< 2	< 1	< 2	< 2	< 2	1	< 2	< 2
COBALT UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
COLIFORM COL/100 ML	550	1300	720	1200	--	K 110	1400	2400	K 860
COPPER UG/L	3.0	4.0	2.0	2.0	1.0	1.0	3.0	2.0	4.0
CYANIDE MG/L	0	0	.07	.04	--	.01	.01	0	0
DISS SOLIDS SUM MG/L	91	74	55	61	63	66	51	70	65
FLUORIDE MG/L	.10	.10	.10	.10	.10	.10	.10	.10	.40
GALLIUM UG/L	< .90	< .90	< .60	< .60	< .50	< .50	< .60	< .70	< .70
GERMANIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.0
HARDNESS TOTAL MG/L	76	61	48	46	48	52	37	52	46
HARDNESS NONCARB MG/L	19	14	12	11	16	14	7	12	10
IRON UG/L	530	370	470	250	310	330	1300	290	500
LEAD UG/L	3.0	5.0	3.0	18	2.0	2.0	2.0	< 2.0	2.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	2.6	2.2	1.3	1.4	1.4	1.6	1.2	1.8	1.4
MANGANESE UG/L	71	43	58	50	55	45	58	66	92
MBAS MG/L	.03	.02	.02	.02	.02	.02	.03	.02	.02
MERCURY UG/L	< .50	--	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .90	< .90	< .60	< .60	< .30	< .50	< .60	< .70	< .70
NICKEL UG/L	2.0	3.0	2.0	2.0	3.0	< 2.0	2.0	2.0	< 2.0
NITRATE AS N MG/L	.80	.70	.70	.50	.80	.80	.80	.90	1.0
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	.45	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.59	.44	.37	.33	.25	.24	.22	.31	.53
PH UNITS	7.4	7.3	7.1	7.2	6.8	7.2	7.3	7.4	7.2
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.04	.04	.01	.01	.02	.02	.06	.02	.07
POTASSIUM MG/L	1.6	1.5	.70	.60	.60	.80	1.0	.60	1.5
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	4	5	0	6	4	2	5	1	1
SILICA MG/L	6.0	5.5	5.4	6.4	6.1	5.7	4.0	6.9	5.4
SILVER UG/L	< .20	< .20	< .20	< .20	< .20	< .20	< .20	< .20	< .20
SODIUM MG/L	2.2	2.3	1.8	2.3	1.9	2.3	1.7	2.3	2.4
SPECIFIC COND UMHOS	153	135	91	100	104	115	86	120	105
STRONTIUM UG/L	48	42	30	48	35	36	29	34	29
SULFATE MG/L	15	8.9	12	11	13	12	8.5	13	13
TIN UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TITANIUM UG/L	15	16	6.0	2.0	4.0	8.0	36	4.0	8.0
VANADIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 1.0	2.0	< 2.0	< 2.0
ZINC UG/L	40	--	10	30	30	20	80	10	10
ZIRCONIUM UG/L	< 3.0	< 4.0	< 2.0	< 2.0	< 2.0	< 3.0	3.0	< 4.0	< 3.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

JEFFERSON COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	435903075514300	WATERTOWN(C)-BLACK RIVER
B	435903075514301	WATERTOWN(C)-BLACK RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	TREATED
DATE.....	03/20/73	04/03/73	04/17/73	05/01/73	06/13/73	09/19/73	12/12/73	03/04/74	12/15/70
ALUMINUM UG/L	1100	1500	200	150	330	590	600	250	41
ARSENIC UG/L	0	0	0	10	0	0	< 1	< 1	--
BARIUM UG/L	26	36	24	16	22	19	22	18	24
BERYLLIUM UG/L	< .50	< .90	< 1.0	< .60	< .60	0	< .50	< .30	< .60
BICARBONATE MG/L	66	80	108	64	54	33	32	30	64
BISMUTH UG/L	< 2.0	< 3.0	< 3.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
BORON UG/L	8.0	10	9.0	5.0	13	11	7.0	7.0	11
CADMIUM UG/L	0	0	0	0	0	0	0	0	--
CALCIUM MG/L	24	28	39	22	20	13	13	11	25
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	3.0	3.0	4.1	3.2	2.3	2.5	2.4	1.8	5.7
CHROMIUM UG/L	< 2	< 3	< 3	< 2	< 1	< 1	< 1	< 1	< 2
COBALT UG/L	< 2.0	< 3.0	< 3.0	< 2.0	< 1.0	< 2.0	< 2.0	< 1.0	< 2.0
COLIFORM COL/100 ML	730	1700	--	250	--	--	--	--	--
COPPER UG/L	3.0	4.0	4.0	2.0	4.0	22	35	1.0	10
CYANIDE MG/L	0	0	.01	.01	.01	0	.01	0	0
DISS SOLIDS SUM MG/L	83	101	127	81	68	58	54	46	94
FLUORIDE MG/L	0	.30	.30	.20	.20	.40	1.0	.10	.20
GALLIUM UG/L	< 1.0	< 2.0	< 1.0	< .80	< .80	0	< .70	< .60	< 1.0
GERMANIUM UG/L	< 3.0	< 3.0	< 5.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 3.0
HARDNESS TOTAL MG/L	69	82	112	64	57	38	40	32	74
HARDNESS NONCARB MG/L	15	17	24	12	13	11	14	7	21
IRON UG/L	1100	1600	320	340	980	900	800	290	14
LEAD UG/L	3.0	4.0	< 3.0	< 2.0	2.0	5.0	10	1.0	2.0
LITHIUM UG/L	< 10	--	--	--	0	0	0	0	.60
MAGNESIUM MG/L	2.3	3.0	3.6	2.3	1.7	1.3	1.9	1.1	2.7
MANGANESE UG/L	29	56	42	36	150	83	80	60	3.0
MBAS MG/L	.04	.04	.02	.03	.04	.02	.04	.04	.04
MERCURY UG/L	< .50	.60	< .50	< .50	< .50	< .50	< .50	< .50	1.4
MOLYBDENUM UG/L	< .70	< 2.0	< .70	< .80	< 1.0	0	< .70	< .60	< .60
NICKEL UG/L	3.0	5.0	< 3.0	< 2.0	1.0	1.0	2.0	< 1.0	< 1.0
NITRATE AS N MG/L	1.0	1.0	1.5	.50	.38	.18	.66	.67	1.4
NITRITE AS N MG/L	--	--	--	--	.02	.01	.01	.01	.02
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	.12	.22
NITROGEN NH4+ORG-N MG/L	.51	.47	.33	.29	.48	.29	.24	.19	--
PH UNITS	7.6	7.6	7.5	7.5	7.0	7.1	6.8	7.0	7.4
PHENOLS UG/L	--	--	--	--	--	--	--	--	15
PHOSPHORUS AS P MG/L	.04	.07	.02	.03	.03	.04	.03	.02	.01
POTASSIUM MG/L	1.1	1.4	1.1	.80	.60	.50	1.1	.80	.90
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	2.0
SELENIUM UG/L	2	2	2	4	1	1	0	1	--
SILICA MG/L	4.4	4.2	4.4	4.4	4.3	5.4	4.5	4.3	6.2
SILVER UG/L	< .20	< .30	< .30	< .20	< .30	0	< .20	< .20	< .10
SODIUM MG/L	2.2	3.4	3.1	2.6	2.4	4.0	2.0	1.8	3.2
SPECIFIC COND UMHOS	136	170	228	135	117	99	94	82	155
STRONTIUM UG/L	43	55	63	34	38	38	36	35	59
SULFATE MG/L	13	17	17	13	10	14	12	9.7	17
TIN UG/L	< 2.0	< 3.0	< 3.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TITANIUM UG/L	51	52	6.0	3.0	6.0	7.0	26	5.0	2.0
VANADIUM UG/L	1.0	< 3.0	< 3.0	< 2.0	< 1.0	.80	1.0	< .60	< 2.0
ZINC UG/L	20	90	50	20	110	20	80	60	< 110
ZIRCONIUM UG/L	< 4.0	< 6.0	< 3.0	< 4.0	< 3.0	< 3.0	< 2.0	< 2.0	< 6.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

JEFFERSON COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	435903075514301	WATERTOWN(C)-BLACK RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	02/22/71	07/13/71	10/21/71	01/20/72	04/11/72	08/13/73	09/19/73	12/12/73	03/04/74
ALUMINUM UG/L	120	2100	68	94	57	38	53	22	748
ARSENIC UG/L	0	0	0	0	1	0	0	< 1	1
BARIUM UG/L	21	26	16	20	25	12	16	15	20
BERYLLIUM UG/L	< .20	< .30	< .30	< .50	< .60	< .70	0	< .70	< .40
BICARBONATE MG/L	30	42	25	44	74	44	12	34	27
BISMUTH UG/L	< 2.0	< 2.0	< 2.0	< 3.0	< 3.0	< 2.0	< 2.0	< 2.0	< 2.0
BORON UG/L	11	9.0	7.0	7.0	11	9.0	10	7.0	6.0
CADMIUM UG/L	--	0	0	0	0	0	0	0	0
CALCIUM MG/L	18	16	12	23	15	20	14	17	17
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	6.8	10	5.6	6.3	9.2	5.4	4.5	6.3	6.7
CHROMIUM UG/L	< 2	3	< 2	< 2	< 3	< 1	0	< 1	< 1
COBALT UG/L	< 2.0	< .60	< .70	< 3.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	9.0	24	41	23	10	9.0	35	8.0	34
CYANIDE MG/L	0	0	0	0	0	.02	0	.01	.01
DISS SOLIDS SUM MG/L	90	115	83	111	142	108	65	102	88
FLUORIDE MG/L	.70	1.3	.70	1.3	.90	1.3	1.3	1.1	1.1
GALLIUM UG/L	< .80	< .80	< .70	< .50	< 2.0	< 1.0	0	< 1.0	< 1.0
GERMANIUM UG/L	< 2.0	< 3.0	< 4.0	< 3.0	< 3.0	< 2.0	< 2.0	< 2.0	< 2.0
HARDNESS TOTAL MG/L	54	66	46	87	102	97	60	93	69
HARDNESS NONCARB MG/L	30	12	14	31	41	21	30	21	27
IRON UG/L	22	420	13	64	25	14	18	7.0	230
LEAD UG/L	1.0	4.0	< .70	1.0	< 3.0	< 1.0	< 2.0	< 2.0	2.0
LITHIUM UG/L	.90	.80	< 10	< 10	< 10	0	0	0	0
MAGNESIUM MG/L	2.3	1.5	1.2	2.1	3.5	1.8	1.2	2.5	1.7
MANGANESE UG/L	14	200	14	11	3.0	< 1.0	1.0	1.0	37
H2S MG/L	.06	0	.04	.03	.02	.01	0	.03	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .40	< .60	.40	< 2.0	< .60	< 1.0	0	< 1.0	< 1.0
NICKEL UG/L	< 1.0	< 3.0	2.0	< 3.0	< 3.0	< 1.0	1.0	< 2.0	< 2.0
NITRATE AS N MG/L	.60	.01	.20	.40	1.1	.39	.12	.71	.97
NITRITE AS N MG/L	0	0	--	--	--	.01	.01	.01	0
NITROGEN NH4 AS N MG/L	.22	.26	--	--	.57	--	--	--	.25
NITROGEN NH4+ORG-N MG/L	--	.62	.35	.09	.28	.29	.21	.36	.25
PH UNITS	6.8	7.0	7.2	7.0	6.8	7.1	6.9	7.3	6.5
PHENOLS UG/L	3.0	26	8.0	4.0	3	--	--	--	--
PHOSPHORUS AS P MG/L	.02	.02	0	.00	0	.00	.19	0	.01
POTASSIUM MG/L	.70	.90	.80	1.1	1.3	.70	.90	1.6	2.8
RUBIDIUM UG/L	2.0	3.0	--	--	--	--	--	--	--
SELENIUM UG/L	4	3	0	2	0	2	0	2	1
SILICA MG/L	7.0	8.2	5.2	7.3	5.2	4.5	5.4	5.8	4.6
SILVER UG/L	< 1.0	< .30	< .20	< .20	< .60	< .90	0	< .20	< .20
SODIUM MG/L	9.0	19	13	9.2	7.6	16	3.8	14	7.4
SPECIFIC COND UMHOS	164	181	142	188	250	173	114	178	161
STRONTIUM UG/L	50	60	39	90	60	45	36	43	44
SULFATE MG/L	36	39	32	38	41	39	28	34	30
TIN UG/L	< 2.0	< 3.0	< 4.0	< 3.0	< 3.0	< 2.0	< 2.0	< 2.0	< 2.0
TITANIUM UG/L	2.0	5.0	< .33	1.0	< 1.0	< 2.0	< 1.0	< 2.0	4.0
VANADIUM UG/L	< 2.0	1.0	< .70	< 1.0	< 7.0	< 1.0	< .70	< 2.0	< 1.0
ZINC UG/L	< 80	< 120	< 150	< 130	< 300	9	20	30	40
ZIRCONIUM UG/L	< 4.0	< 2.0	< 4.0	< 5.0	< 7.0	< 4.0	< 2.0	< 3.0	< 3.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

JEFFERSON COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	435803075372600	WEST CARTHAGE(V)-PLEASANT LAKE

SYSTEM(S) ON THIS PAGE..	A
TYPE OF WATER SAMPLED...	DISTRBN
DATE.....	09/27/71
ALUMINUM UG/L	9.0
ARSENIC UG/L	2
BARIUM UG/L	18
BERYLLIUM UG/L	< .70
BICARBONATE MG/L	134
BISMUTH UG/L	< 2.0
BORON UG/L	9.0
CADMIUM UG/L	0
CALCIUM MG/L	46
CARBONATE MG/L	0
CHLORIDE MG/L	1.5
CHROMIUM UG/L	< 4
COBALT UG/L	< .70
COLIFORM COL/100 ML	--
COPPER UG/L	640
CYANIDE MG/L	0
DISS SOLIDS SUM MG/L	133
FLUORIDE MG/L	.10
GALLIUM UG/L	< .70
GERMANIUM UG/L	< 4.0
HARDNESS TOTAL MG/L	129
HARDNESS NONCARB MG/L	15
IRON UG/L	26
LEAD UG/L	< 2.0
LITHIUM UG/L	< 10
MAGNESIUM MG/L	3.5
MANGANESE UG/L	2.0
MBAS MG/L	.01
MERCURY UG/L	< .50
MOLYBDENUM UG/L	< .70
NICKEL UG/L	< 4.0
NITRATE AS N MG/L	.10
NITRITE AS N MG/L	--
NITROGEN NH4 AS N MG/L	--
NITROGEN NH4+ORG-N MG/L	.31
PH UNITS	7.7
PHENOLS UG/L	0
PHOSPHORUS AS P MG/L	.01
POTASSIUM MG/L	.50
RUBIDIUM UG/L	--
SELENIUM UG/L	2
SILICA MG/L	3.0
SILVER UG/L	< .30
SODIUM MG/L	1.4
SPECIFIC COND UMHOS	236
STRONTIUM UG/L	110
SULFATE MG/L	8.1
TIN UG/L	< 4.0
TITANIUM UG/L	< 4.0
VANADIUM UG/L	< 2.0
ZINC UG/L	< 150
ZIRCONIUM UG/L	< 7.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

LEWIS COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	435304075233601	BEAVER FALLS WD-SPRINGFED RESERVOIR
B	433706075182300	BURROUGHS PAPER COMPANY-SPRINGS
C	435324075304200	CASTORLAND(V)-SPRING&WELL
D	433359075254300	CONSTABLEVILLE(V)-SPRINGFED RESERVOIR
E	435325075403900	COPENHAGEN(V)-DEER RIVER
F	435325075403901	COPENHAGEN(V)-DEER RIVER
G	435304075233600	CROGHAN(V)-SPRINGS & SANDY CREEK
H	434234075241200	GLENFIELD WD-SPRINGS
I	434046075211700	GREIG WD-TANNERY BROOK

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	DISTRBN	RAW	TREATED	DISTRBN	DISTRBN	DISTRBN
DATE.....	06/08/72	06/08/72	09/23/71	06/08/72	09/23/71	09/23/71	09/23/71	06/21/72	06/08/72
ALUMINUM UG/L	130	27	64	90	84	84	54	< 5.0	30
ARSENIC UG/L	0	2	0	0	12	8	18	0	6
BARIUM UG/L	12	3.0	170	7.0	10	25	5.0	21	4.0
BERYLLIUM UG/L	< .30	< .30	< 2.0	< .30	< .30	< .40	< .10	< 3.0	< .50
BICARBONATE MG/L	10	11	150	35	42	42	11	266	46
BISMUTH UG/L	< .60	< .60	< 6.0	< 1.0	< 2.0	< 2.0	< .40	< 8.0	< 1.0
BORON UG/L	5.0	5.0	140	6.0	9.8	15	6.0	27	5.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	4.1	4.3	40	11	15	17	5.0	95	14
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	.60	.70	69	1.0	1.0	5.0	1.1	23	1.0
CHROMIUM UG/L	< 1	< 1	< 6	< 1	< 2	< 2	1	< 8	< 1
COBALT UG/L	< .60	< .60	< 3.0	< 1.0	< .60	< .80	< .20	< 8.0	< 1.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	180	430	23	95	3.0	27	220	3.0	14
CYANIDE MG/L	0	0	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	28	28	276	46	60	67	32	302	60
FLUORIDE MG/L	.20	.10	2.9	.10	.10	.10	.20	.40	.20
GALLIUM UG/L	< .30	< .30	< 3.0	< .50	< .60	< .80	< .20	< 4.0	< .50
GERMANIUM UG/L	< .90	< .80	< 6.0	< 2.0	< 2.0	< 2.0	< .40	< 10	< 2.0
HARDNESS TOTAL MG/L	12	13	130	33	58	56	17	266	44
HARDNESS NONCARB MG/L	4	4	7	4	16	21	4	48	6
IRON UG/L	330	70	100	250	160	300	260	18	42
LEAD UG/L	2.0	2.0	< 6.0	2.0	2.0	2.0	2.0	< 8.0	1.0
LITHIUM UG/L	< 10	< 10	70	< 10	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	.50	.50	7.3	1.3	3.1	3.2	1.0	7.0	2.1
MANGANESE UG/L	10	4.0	6.0	32	10	21	6.0	10	3.0
MBAS MG/L	.04	.02	.04	.02	.03	.06	.03	.02	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .30	< .30	5.0	< .50	.20	.30	.10	< 4.0	< .50
NICKEL UG/L	1.0	1.0	< 6.0	< 1.0	2.0	4.0	2.0	< 8.0	< 1.0
NITRATE AS N MG/L	.10	.20	1.0	.50	0	.10	.10	1.1	.20
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	.53
NITROGEN NH4+ORG-N MG/L	.25	.15	.27	.25	.49	.74	.27	.16	.31
PH UNITS	6.6	6.5	8.0	7.3	7.5	7.1	6.6	7.5	7.5
PHENOLS UG/L	--	--	0	--	6.0	2.0	0	--	--
PHOSPHORUS AS P MG/L	.00	.00	.01	.01	.02	.02	.01	.00	.01
POTASSIUM MG/L	.30	.50	2.1	.20	.80	.80	.50	1.2	.30
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	2	0	0	2	1	3	0
SILICA MG/L	8.3	8.3	9.5	5.7	2.9	3.3	9.5	8.4	11
SILVER UG/L	< .04	< .04	< .60	< .10	< .10	< .20	< .04	< .50	< .07
SODIUM MG/L	1.1	1.0	54	1.9	1.3	1.5	1.4	6.8	1.5
SPECIFIC COND UMHOS	35	40	499	83	100	116	43	547	92
STRONTIUM UG/L	18	15	980	27	29	43	14	320	30
SULFATE MG/L	7.4	7.0	18	7.5	15	15	7.7	28	6.4
TIN UG/L	< .60	< .60	< 6.0	< 1.0	< 2.0	< 2.0	< .40	< 8.0	< 1.0
TITANIUM UG/L	3.0	1.0	< 3.0	2.0	2.0	3.0	1.0	< 5.0	2.0
VANADIUM UG/L	< .40	< .40	< 3.0	< .80	< .60	< .80	< .20	< 8.0	< .70
ZINC UG/L	< 45	< 40	< 200	< 55	< 57	< 70	< 21	< 460	140
ZIRCONIUM UG/L	< 2.0	< 2.0	< 6.0	< 3.0	< 2.0	< 2.0	< .40	< 15	< 3.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

LEWIS COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	440854075185900	HARRISVILLE(V)-SOUTH CREEK
B	431713075293400	LOWVILLE(V)-CREEK BROOK&YOUNGS POND
C	433700075210000	LYONS FALLS(V)-BEAUTY CREEK RESERVOIR
D	434417075280800	MARTINSBURG WD-PITCHER GULF STREAM
E	433502075203400	PORT LEYDEN(V)-PORT LEYDEN RESERVOIR
F	433740075244300	TURIN(V)-MILL CREEK

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN
DATE.....	08/04/71	09/23/71	09/23/71	11/15/73	06/08/72	06/08/72
ALUMINUM UG/L	80	41	23	22	21	100
ARSENIC UG/L	0	0	0	< 1	0	0
BARIUM UG/L	20	6.0	3.0	12	< 2.0	9.0
BERYLLIUM UG/L	< .30	< .20	< .10	< .40	< .40	< .60
BICARBONATE MG/L	44	11	15	45	22	38
BISMUTH UG/L	< .80	< .80	< .50	< 2.0	< .98	< 2.0
BORON UG/L	6.0	8.0	5.0	11	5.0	6.0
CADMIUM UG/L	0	0	0	0	0	0
CALCIUM MG/L	13	5.0	5.5	14	6.8	12
CARBONATE MG/L	0	0	0	0	0	0
CHLORIDE MG/L	4.0	2.8	2.4	1.2	1.1	1.9
CHROMIUM UG/L	< 1	< 1	< 1	< 1	< 1	< 2
COBALT UG/L	< .60	< .40	< .20	< .78	< .98	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--
COPPER UG/L	74	260	5.0	12	2.0	80
CYANIDE MG/L	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	57	35	38	61	39	92
FLUORIDE MG/L	.30	.20	.10	.20	.10	.10
GALLIUM UG/L	< .30	< .40	< .20	< .80	< .40	< .60
GERMANIUM UG/L	< 2.0	< .80	< .50	< 2.0	< 2.0	< 2.0
HARDNESS TOTAL MG/L	42	17	17	45	20	39
HARDNESS NONCARB MG/L	6	8	5	8	2	7
IRON UG/L	1000	240	93	800	100	140
LEAD UG/L	5.0	4.0	2.0	3.0	1.0	2.0
LITHIUM UG/L	< 10	< 10	< 10	0	< 10	< 10
MAGNESIUM MG/L	2.3	1.0	.90	2.4	.78	2.1
MANGANESE UG/L	120	5.0	3.0	7.0	2.0	22
H2S MG/L	.05	.03	.01	0	.01	.06
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .30	.20	< .10	< .40	.78	< .60
NICKEL UG/L	2.0	3.0	< .60	< .78	< .98	2.0
NITRATE AS N MG/L	.10	.10	.10	.15	.10	.30
NITRITE AS N MG/L	0	--	--	.01	--	--
NITROGEN NH4 AS N MG/L	.07	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.38	.80	.27	.05	.15	.70
PH UNITS	7.5	6.7	6.9	7.5	7.3	7.5
PHENOLS UG/L	--	0	1.0	--	--	--
PHOSPHORUS AS P MG/L	.02	.01	.01	.01	.00	.01
POTASSIUM MG/L	.80	.60	.50	.78	.50	.50
RUBIDIUM UG/L	--	--	--	--	--	--
SELENIUM UG/L	0	1	0	0	0	0
SILICA MG/L	4.4	12	11	4.7	11	5.1
SILVER UG/L	.20	< .10	< .10	< .20	< .06	< .08
SODIUM MG/L	3.1	1.5	2.1	3.2	1.7	2.7
SPECIFIC COND UMHOS	98	44	49	105	55	91
STRONTIUM UG/L	50	21	12	42	15	34
SULFATE MG/L	7.7	6.0	5.8	12	6.5	8.7
TIN UG/L	< 2.0	< .80	< .50	< 2.0	< .98	< 2.0
TITANIUM UG/L	2.0	1.0	.50	< .78	2.0	6.0
VANADIUM UG/L	< .60	< 4.0	< .20	< .78	< .60	.50
ZINC UG/L	< 55	< 37	< 24	370	390	< 85
ZIRCONIUM UG/L	< 3.0	< .80	< .50	< 2.0	< 2.0	< 3.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

LIVINGSTON COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	425437077444800	AVON(V)-CONESUS LAKE
B	425824077511900	CALEDONIA(V)-WELL
C	423334077414500	DANSVILLE(V)-LITTLE MILL CREEK
D	424741077431800	GENESEO(V)-CONESUS LAKE
E	424741077431801	GENESEO(V)-CONESUS LAKE
F	423943077460400	GROVELAND STATION-SPRING
G	425007077420700	LAKEVILLE WD-CONESUS LAKE

SYSTEM(S) ON THIS PAGE..	A	B	C	D	D	E	E	F	G
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	RAW	RAW	TREATED	TREATED	DISTRBN	DISTRBN
DATE.....	11/30/71	11/29/71	12/01/71	12/01/70	11/30/71	12/01/70	11/30/71	11/16/73	10/03/72
ALUMINUM UG/L	23	25	84	12	76	28	72	36	42
ARSENIC UG/L	5	0	0	10	5	0	4	1	0
BARIUM UG/L	28	110	31	30	33	29	32	46	20
BERYLLIUM UG/L	< 1.0	< 4.0	< 1.0	< .50	< 1.0	< .50	< 1.0	< 2.0	< 2.0
BICARBONATE MG/L	139	298	158	140	141	132	135	304	135
BISMUTH UG/L	< 4.0	< 15	< 4.0	< 2.0	< 4.0	< 2.0	< 4.0	< 8.0	< 5.0
BORON UG/L	23	82	7.0	19	22	17	21	10	15
CADMIUM UG/L	0	0	0	0	0	--	0	0	0
CALCIUM MG/L	42	150	50	44	42	45	41	85	40
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	30	84	12	28	26	33	27	13	32
CHROMIUM UG/L	< 4	< 15	< 4	< 5	< 4	< 5	< 4	< 4	< 5
COBALT UG/L	< 5.0	< 32	< 5.0	< 2.0	< 5.0	< 2.0	< 5.0	< 8.0	< 5.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	47	43	450	28	47	27	37	85	110
CYANIDE MG/L	0	0	0	0	0	0	0	0	.01
DISS SOLIDS SUM MG/L	207	705	198	207	201	208	199	347	202
FLUORIDE MG/L	.10	.30	.10	.10	.10	.10	1.0	.30	.20
GALLIUM UG/L	< 1.0	< 4.0	< 1.0	ND	< 1.0	ND	< 1.0	< 4.0	< 2.0
GERMANIUM UG/L	< 5.0	< 15	< 5.0	< 2.0	< 5.0	< 2.0	< 5.0	< 7.0	< 5.0
HARDNESS TOTAL MG/L	163	523	178	155	154	154	156	315	145
HARDNESS NONCARB MG/L	48	285	49	48	39	45	45	66	34
IRON UG/L	45	49	63	12	41	29	21	8.0	51
LEAD UG/L	< 3.0	< 15	< 3.0	< 2.0	3.0	< 2.0	< 3.0	< 5.0	< 3.0
LITHIUM UG/L	< 10	10	< 10	.70	< 10	.70	< 10	0	< 10
MAGNESIUM MG/L	14	36	13	11	12	10	13	25	11
MANGANESE UG/L	28	< 15	2.0	< 2.0	130	< 2.0	110	< 4.0	35
MBAS MG/L	.02	.07	.02	.02	.03	.04	.03	.01	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	2.2	< .50
MOLYBDENUM UG/L	< 1.0	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 2.0
NICKEL UG/L	< 4.0	< 15	4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0
NITRATE AS N MG/L	0	4.5	.80	.10	0	.10	0	1.8	.01
NITRITE AS N MG/L	--	--	--	.02	--	0	--	.00	--
NITROGEN NH4 AS N MG/L	--	--	--	.03	--	.05	--	--	--
NITROGEN NH4+ORG-N MG/L	.43	0	.12	--	.27	--	.38	.16	.35
PH UNITS	7.7	7.5	7.9	8.1	8.0	7.7	7.6	7.7	8.3
PHENOLS UG/L	1.0	1.0	< 4.0	0	2.0	0	1.0	--	--
PHOSPHORUS AS P MG/L	.08	.06	.08	.06	.07	.08	.07	.00	.03
POTASSIUM MG/L	2.3	2.8	.90	2.0	2.2	2.0	2.3	2.0	2.2
RUBIDIUM UG/L	--	--	--	1.0	--	.90	--	--	--
SELENIUM UG/L	1	0	0	2	0	6	2	0	1
SILICA MG/L	1.9	6.2	6.8	2.0	2.1	2.1	2.3	7.4	1.4
SILVER UG/L	< .40	< .90	< .40	< .20	< .40	< .20	< .40	< .70	< .50
SODIUM MG/L	16	49	4.5	14	15	14	14	7.0	17
SPECIFIC COND UMHOS	379	1180	349	369	365	374	367	595	360
STRONTIUM UG/L	94	2400	48	100	100	100	99	110	70
SULFATE MG/L	32	230	32	37	32	37	32	58	32
TIN UG/L	< 5.0	< 15	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 8.0	< 5.0
TITANIUM UG/L	< 3.0	< 7.0	< 3.0	< 2.0	< 3.0	< 2.0	< 3.0	< 4.0	< 3.0
VANADIUM UG/L	< 3.0	< 7.0	< 3.0	< 4.0	< 3.0	< 4.0	< 3.0	< 4.0	< 3.0
ZINC UG/L	< 230	< 680	< 220	< 220	< 230	< 210	< 230	20	< 310
ZIRCONIUM UG/L	< 11	< 32	< 10	ND	< 11	ND	< 11	< 8.0	< 10

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

LIVINGSTON COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	425420077363500	LIMA(V)-WELL
B	424818077353800	LIVONIA (V)-RESERVOIR
C	424818077353801	LIVONIA (V)-RESERVOIR
D	424313077530300	MOUNT MORRIS(V)-SILVER LAKE
E	424313077530301	MOUNT MORRIS(V)-SILVER LAKE
F	423357077564801	NUNDA(V)-SPRINGS
G	423357077564800	NUNDA(V)-SPRINGS
H	423815077354700	SPRINGWATER WATER COMPANY-SPRINGS

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H
TYPE OF WATER SAMPLED...	DISTRBN	RAW	TREATED	RAW	TREATED	RAW	TREATED	DISTRBN
DATE.....	11/30/71	11/30/71	11/30/71	11/30/71	11/30/71	11/30/71	11/30/71	10/03/72
ALUMINUM UG/L	380	190	76	47	42	84	150	58
ARSENIC UG/L	0	5	0	6	3	7	0	0
BARIUM UG/L	300	16	18	30	30	54	40	24
BERYLLIUM UG/L	< 3.0	< .50	< 1.0	< .90	< .90	< 1.0	< 1.0	< 1.0
BICARBONATE MG/L	362	122	133	114	109	104	164	108
BISMUTH UG/L	< 11	< 2.0	< 4.0	< 3.0	< 3.0	< 4.0	< 4.0	< 4.0
BORON UG/L	23	11	14	19	19	11	9.0	11
CADMIUM UG/L	0	0	0	0	0	0	0	0
CALCIUM MG/L	106	37	36	42	41	49	55	35
CARBONATE MG/L	0	0	0	0	0	0	0	0
CHLORIDE MG/L	34	3.4	11	18	21	11	9.8	6.4
CHROMIUM UG/L	< 11	< 2	< 4	< 3	< 3	< 4	< 4	< 4
COBALT UG/L	< 24	< 2.0	< 5.0	< 4.0	< 4.0	< 5.0	< 6.0	< 4.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--
COPPER UG/L	9.0	4.0	28	37	60	32	3.0	30
CYANIDE MG/L	0	0	0	0	0	0	0	.01
DISS SOLIDS SUM MG/L	470	158	213	172	173	193	210	134
FLUORIDE MG/L	.30	.10	.40	.10	.10	.10	.20	.10
GALLIUM UG/L	< 3.0	< .50	< 1.0	< .90	< .90	< 1.0	< 1.0	< 2.0
GERMANIUM UG/L	< 11	< 2.0	< 5.0	< 4.0	< 4.0	< 5.0	< 6.0	< 4.0
HARDNESS TOTAL MG/L	489	138	135	139	139	172	187	116
HARDNESS NONCARB MG/L	112	38	26	46	49	37	52	27
IRON UG/L	760	960	10	39	15	360	15	85
LEAD UG/L	< 11	< 1.0	< 3.0	2.0	< 2.0	< 3.0	< 3.0	< 3.0
LITHIUM UG/L	10	< 10	< 10	< 10	< 10	< 10	10	< 10
MAGNESIUM MG/L	35	11	11	8.3	8.8	12	12	6.9
MANGANESE UG/L	120	320	.80	13	2.0	60	2.0	7.0
MBAS MG/L	.01	.02	.03	.02	.02	.03	.02	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 3.0	< .50	< 1.0	< .90	< .90	< 1.0	< 1.0	< 2.0
NICKEL UG/L	< 11	2.0	< 4.0	< 3.0	< 3.0	< 4.0	< 4.0	< 4.0
NITRATE AS N MG/L	0	.10	.20	0	.08	.40	.40	.50
NITRITE AS N MG/L	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.84	3.4	.19	.33	.26	.32	.14	.22
PH UNITS	7.5	7.1	7.3	7.6	7.4	7.5	7.7	8.1
PHENOLS UG/L	4.0	0	0	13	6.0	12	0	--
PHOSPHORUS AS P MG/L	.19	.06	.02	.06	.04	.06	.04	.02
POTASSIUM MG/L	1.5	1.1	1.1	1.0	1.9	1.1	1.2	.80
RUBIDIUM UG/L	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	0	0	2	0	2	0
SILICA MG/L	13	3.4	3.1	5.9	5.8	5.0	3.4	8.3
SILVER UG/L	< .78	< .20	< .40	< .30	< .30	< .40	< .40	< .30
SODIUM MG/L	16	3.0	24	7.5	7.5	4.4	4.5	3.6
SPECIFIC COND UMHOS	776	277	366	303	307	332	369	233
STRONTIUM UG/L	370	36	80	77	73	51	57	29
SULFATE MG/L	86	39	61	32	33	29	43	19
TIN UG/L	< 11	< 2.0	< 5.0	< 4.0	< 4.0	< 5.0	< 6.0	< 4.0
TITANIUM UG/L	< 6.0	5.0	< 3.0	< 2.0	< 2.0	< 3.0	< 3.0	2.0
VANADIUM UG/L	< 6.0	< 1.0	< 3.0	< 2.0	< 2.0	< 3.0	< 3.0	< 3.0
ZINC UG/L	< 510	< 95	< 210	< 180	< 180	< 220	< 240	< 220
ZIRCONIUM UG/L	< 24	< 5.0	< 10	< 9.0	< 9.0	< 10	< 11	< 7.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

MADISON COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	430520075453301	CANASTOTA(V)-WELLS
B	430520075453300	CANASTOTA(V)-WELLS
C	425526075505601	CAZENOVIA(V)-WELL #1
D	425526075505600	CAZENOVIA(V)-WELL #1
E	430329075521601	CHITTENANGO(V)-WELL #4
F	430329075521600	CHITTENANGO(V)-WELL #4
G	424525075531400	DE RUYTER(V)-WELLS
H	424428075323500	EARLVILLE(V)-TWO SPRINGFED RESERVOIRS
I	424608075441700	GEORGETOWN WD-SPRINGS AND WELLS

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	RAW	TREATED	RAW	TREATED	RAW	TREATED	DISTRBN	DISTRBN	DISTRBN
DATE.....	03/29/72	03/29/72	03/29/72	03/29/72	03/29/72	03/29/72	11/07/73	03/30/72	06/07/72
ALUMINUM UG/L	28	13	14	9.0	56	41	6.0	130	93
ARSENIC UG/L	0	0	2	2	1	0	< 1	4	1
BARIUM UG/L	60	< 30	150	61	53	< 30	80	160	45
BERYLLIUM UG/L	< 5.0	< 4.0	< 3.0	< 3.0	< 5.0	< 5.0	< 2.0	< 1.0	< .30
BICARBONATE MG/L	354	354	314	317	358	356	178	117	15
BISMUTH UG/L	< 20	< 20	< 12	< 12	< 21	< 22	< 7.0	< 5.0	< .60
BORON UG/L	29	26	8.0	7.0	37	31	20	18	6.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	119	45	94	71	178	32	62	36	5.2
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	90	92	17	20	29	30	17	5.6	1.0
CHROMIUM UG/L	< 20	< 20	< 12	< 12	< 21	< 22	< 3	< 5	< 1
COBALT UG/L	< 13	< 13	< 8.0	< 8.0	< 14	< 14	< 7.0	< 4.0	< .60
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	10	5.0	4.0	100	< 3.0	35	45	48	130
CYANIDE MG/L	0	0	0	0	0	0	.01	0	0
DISS SOLIDS SUM MG/L	584	618	353	371	725	747	234	139	30
FLUORIDE MG/L	.10	.10	.40	.60	.30	.30	.10	.10	0
GALLIUM UG/L	< 6.0	< 6.0	< 4.0	< 4.0	< 7.0	< 7.0	< 3.0	< 2.0	< .30
GERMANIUM UG/L	< 30	< 30	< 20	< 20	< 30	< 30	< 7.0	< 7.0	< .90
HARDNESS TOTAL MG/L	388	252	338	268	589	116	194	115	16
HARDNESS NONCARB MG/L	97	0	80	8	295	0	48	19	4
IRON UG/L	51	84	280	320	150	23	25	340	330
LEAD UG/L	< 13	< 13	< 8.0	< 8.0	< 14	< 14	< 7.0	< 4.0	2.0
LITHIUM UG/L	20	20	< 10	< 10	10	20	10	< 10	< 10
MAGNESIUM MG/L	22	34	25	22	35	9.2	9.6	6.2	.80
MANGANESE UG/L	27	17	50	35	46	< 14	8.0	580	15
MBAS MG/L	.04	.03	0	.01	.03	.04	0	.02	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 6.0	< 6.0	3.0	4.0	< 7.0	< 7.0	< 3.0	< 2.0	< .30
NICKEL UG/L	< 13	< 13	< 8.0	< 8.0	< 14	< 14	< 7.0	< 4.0	2.0
NITRATE AS N MG/L	1.3	1.4	0	0	1.2	1.4	2.4	.30	.04
NITRITE AS N MG/L	--	--	--	--	--	--	.01	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	.43
NITROGEN NH4+ORG-N MG/L	0	0	.06	.10	.24	.44	.05	.15	.08
PH UNITS	7.7	7.7	7.7	7.5	7.4	7.4	7.9	7.6	6.9
PHENOLS UG/L	0	1.0	1.0	0	0	0	--	0	--
PHOSPHORUS AS P MG/L	0	0	.13	.14	0	0	.00	.01	.01
POTASSIUM MG/L	2.3	3.6	.70	.80	2.9	2.8	1.3	.60	.20
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	1	2	2	4	1	0	2	2
SILICA MG/L	7.6	7.9	7.9	7.8	6.5	6.5	6.1	7.3	5.0
SILVER UG/L	< 2.0	< 2.0	< 1.0	< 1.0	< 2.0	< 2.0	< 1.0	< .30	< .05
SODIUM MG/L	48	148	7.0	45	26	220	12	5.3	1.4
SPECIFIC COND UMHOS	1020	1040	595	611	1080	1200	491	246	49
STRONTIUM UG/L	1800	620	140	94	1800	420	170	180	60
SULFATE MG/L	120	120	46	48	270	270	36	20	9.0
TIN UG/L	< 20	< 20	< 12	< 12	< 21	< 22	< 7.0	< 5.0	< .60
TITANIUM UG/L	< 9.0	< 9.0	< 6.0	< 6.0	< 10	< 10	< 3.0	6.0	4.0
VANADIUM UG/L	< 13	< 13	< 8.0	< 8.0	< 14	< 14	< 3.0	< 4.0	< .40
ZINC UG/L	ND	ND	ND	ND	ND	ND	50	ND	35
ZIRCONIUM UG/L	ND	ND	ND	ND	ND	ND	< 7.0	ND	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

MADISON COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	424905075324100	HAMILTON(V)-WOODMANS POND
B	425355075304700	MADISON(V)-WELL
C	425358075382401	MORRISVILLE(V)-SURFACE WATER
D	425358075382400	MORRISVILLE(V)-SURFACE WATER
E	425331075384101	MORRISVILLE AG & TECH-WELLS
F	425331075384100	MORRISVILLE AG & TECH-WELLS
G	425823075352301	MUNNSVILLE(V)-WELLS
H	425823075352300	MUNNSVILLE(V)-WELLS
I	430551075390600	ONEIDA(C)-FLOWENCE CREEK

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	RAW	TREATED	RAW	TREATED	RAW	TREATED	DISTRBN
DATE.....	06/07/72	01/14/75	03/30/72	03/30/72	11/07/73	11/07/73	03/30/72	03/30/72	03/29/72
ALUMINUM UG/L	5.0	16	20	30	4.0	4.0	24	33	77
ARSENIC UG/L	1	0	0	0	0	< 1	2	0	4
BARIUM UG/L	170	200	170	170	100	< 2.0	< 65	54	6.0
BERYLLIUM UG/L	< 3.0	< 2.0	< 4.0	< 4.0	< 2.0	< 2.0	< 10	< 10	< .30
BICARBONATE MG/L	212	283	324	323	200	320	200	212	36
BISMUTH UG/L	< 5.0	< 9.0	< 15	< 15	< 9.0	< 9.0	< 45	< 50	< 1.0
BORON UG/L	7.0	14	61	51	16	11	270	200	6.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	58	75	97	97	39	2.0	420	369	13
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	6.7	38	90	90	34	34	24	30	2.4
CHROMIUM UG/L	< 5	< 9	< 15	< 15	< 4	< 4	< 45	< 50	< 1
COBALT UG/L	< 5.0	< 9.0	< 10	< 10	< 7.0	< 8.0	< 30	< 30	< 1.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	660	4.0	64	6.0	10	3.0	12	< 7.0	2.0
CYANIDE MG/L	0	.01	0	0	0	.01	0	0	0
DISS SOLIDS SUM MG/L	215	346	454	454	246	374	1988	1914	51
FLUORIDE MG/L	.80	.20	.10	.10	.20	.20	1.5	1.5	.10
GALLIUM UG/L	< 3.0	< 4.0	< 5.0	< 5.0	< 4.0	< 4.0	< 15	< 15	< .50
GERMANIUM UG/L	< 8.0	< 9.0	< 22	< 22	< 7.0	< 8.0	< 65	< 70	< 1.0
HARDNESS TOTAL MG/L	206	319	329	333	171	7	1436	1251	42
HARDNESS NONCARB MG/L	32	87	63	68	7	0	1272	1077	12
IRON UG/L	20	< 9.0	100	150	15	7.0	4500	1500	120
LEAD UG/L	< 5.0	< 9.0	< 10	< 10	10	< 8.0	< 30	< 30	< 1.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	0	0	60	60	< 10
MAGNESIUM MG/L	16	32	21	22	18	.40	94	80	2.2
MANGANESE UG/L	13	< 4.0	20	< 10	< 4.0	< 4.0	120	140	21
MBAS MG/L	.02	.10	.04	.04	0	0	.01	0	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	3.0	< 2.0	< 5.0	< 5.0	< 3.0	< 3.0	< 15	< 15	< .50
NICKEL UG/L	< 5.0	< 9.0	< 10	< 10	< 7.0	< 8.0	< 30	< 30	< 2.0
NITRATE AS N MG/L	.80	3.0	2.6	2.3	2.7	2.5	0	0	.60
NITRITE AS N MG/L	--	0	--	--	.00	.01	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	.40
NITROGEN NH4+ORG-N MG/L	.73	.08	.14	.09	.06	.05	.24	.20	.53
PH UNITS	7.8	7.2	7.7	7.6	7.8	8.0	7.4	7.4	7.6
PHENOLS UG/L	--	--	0	0	--	--	3.0	0	2.0
PHOSPHORUS AS P MG/L	.00	0	0	0	.00	.00	0	0	.01
POTASSIUM MG/L	.90	1.2	2.1	2.1	3.5	1.1	2.8	3.0	.40
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	3	6	2	0	6	4	4
SILICA MG/L	4.3	8.9	7.1	7.1	5.5	5.4	17	16	3.5
SILVER UG/L	< .40	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 4.0	< .10
SODIUM MG/L	3.5	19	48	48	25	150	30	110	.70
SPECIFIC COND UMHOS	393	700	813	810	538	654	2220	2310	91
STRONTIUM UG/L	130	80	220	230	140	4.0	8700	7900	22
SULFATE MG/L	22	30	27	27	20	21	1300	1200	9.0
TIN UG/L	< 5.0	< 9.0	< 15	< 15	< 7.0	< 8.0	< 45	< 50	< 1.0
TITANIUM UG/L	< 5.0	< 6.0	< 7.0	< 7.0	< 4.0	< 4.0	< 21	< 22	2.0
VANADIUM UG/L	< 4.0	< 9.0	< 10	< 10	< 4.0	< 4.0	< 30	< 30	< .70
ZINC UG/L	260	10	ND	ND	20	20	ND	ND	< 75
ZIRCONIUM UG/L	< 11	< 14	ND	ND	< 13	< 13	ND	ND	ND

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

MONROE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	432124077552200	BROCKPORT(V)-LAKE ONTARIO
B	432124077552201	BROCKPORT(V)-LAKE ONTARIO
C	430617077530700	CHURCHVILLE(V)-WELL
D	430617077292701	EAST ROCHESTER(V)-WELLS
E	430617077292700	EAST ROCHESTER(V)-WELLS
F	430331077262100	FAIRPORT(V)-SUCKER&GREENE BROOKS
G	430331077262101	FAIRPORT(V)-SUCKER&GREENE BROOKS
H	432022077473000	HILTON(V)-LAKE ONTARIO

SYSTEM(S) ON THIS PAGE..	A	B	C	D	D	E	F	G	H
TYPE OF WATER SAMPLED...	RAW	TREATED	DISTRBN	RAW	RAW	TREATED	RAW	TREATED	RAW
DATE.....	11/30/70	11/30/70	11/15/73	01/10/72	01/26/73	01/10/72	01/11/72	01/11/72	01/10/72
ALUMINUM UG/L	10	37	10	6.0	13	6.0	290	21	480
ARSENIC UG/L	10	0	< 1	1	0	3	4	1	6
BARIUM UG/L	28	27	35	57	74	92	67	9.0	32
BERYLLIUM UG/L	< .40	< .40	< 3.0	< 3.0	< 4.0	< 3.0	< 2.0	< .60	< .90
BICARBONATE MG/L	114	100	361	238	235	235	230	48	122
BISMUTH UG/L	< 2.0	< 2.0	< 11	< 11	< 10	< 11	< 8.0	< 3.0	< 3.0
BORON UG/L	16	17	13	27	19	26	15	21	22
CADMIUM UG/L	0	0	1	1	0	0	1	1	1
CALCIUM MG/L	41	40	98	100	A2	78	60	14	43
CARBONATE MG/L	10	0	0	0	0	0	0	0	0
CHLORIDE MG/L	28	31	30	98	92	92	19	23	28
CHROMIUM UG/L	< 4	< 4	< 5	< 11	< 10	< 11	< 8	< 3	3
COBALT UG/L	< 2.0	< 2.0	< 5.0	< 11	< 10	< 11	< 8.0	< 3.0	< 3.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	1.0	2.0	65	70	2.0	2.0	66	4.0	5.0
CYANIDE MG/L	0	0	0	0	.01	0	0	0	0
DISS SOLIDS SUM MG/L	187	136	455	493	485	491	284	153	188
FLUORIDE MG/L	.10	.10	.30	.20	.20	.30	.20	1.3	.20
GALLIUM UG/L	ND	ND	< 5.0	< 3.0	< 5.0	< 3.0	< 2.0	< .60	< .90
GERMANIUM UG/L	< 2.0	< 2.0	< 10	< 11	< 10	< 11	< 8.0	< 3.0	< 5.0
HARDNESS TOTAL MG/L	131	129	389	373	324	351	249	104	144
HARDNESS NONCARB MG/L	21	129	93	178	131	158	80	78	44
IRON UG/L	9.6	17	10	66	100	130	350	12	450
LEAD UG/L	< 2.0	< 2.0	< 8.0	< 11	< 10	< 11	< 8.0	< 3.0	< 3.0
LITHIUM UG/L	1.0	1.0	0	10	10	10	< 10	< 10	< 10
MAGNESIUM MG/L	7.0	7.1	40	38	29	38	24	16	9.0
MANGANESE UG/L	< 2.0	< 2.0	< 5.0	140	160	150	120	< 2.0	25
MBAS MG/L	.02	.02	0	.03	.03	.03	.04	.03	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 0	2.0	< 4.0	< 3.0	< 5.0	< 3.0	< 4.0	< 2.0	< 2.0
NICKEL UG/L	6.0	5.0	< 5.0	< 5.0	< 10	9.0	< 8.0	< 3.0	7.0
NITRATE AS N MG/L	.20	.20	9.0	0	0	.01	.50	.50	.30
NITRITE AS N MG/L	0	0	.00	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	.02	.02	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	--	--	.07	.25	.32	.14	.64	.17	.31
PH UNITS	7.9	7.8	7.4	7.8	7.9	7.9	8.1	7.6	8.0
PHENOLS UG/L	0	0	--	0	--	0	0	0	2.0
PHOSPHORUS AS P MG/L	.06	.03	.00	0	0	.26	.02	0	.06
POTASSIUM MG/L	1.2	1.3	3.3	2.0	1.9	2.5	2.0	2.9	1.7
RUBIDIUM UG/L	1.0	2.0	--	--	--	--	--	--	--
SELENIUM UG/L	6	5	0	0	2	1	4	0	4
SILICA MG/L	.20	.30	7.2	12	12	12	3.6	3.9	.30
SILVER UG/L	< .20	< .20	< 1.0	< 3.0	< 1.0	< 3.0	< 2.0	< .60	< .30
SODIUM MG/L	12	13	16	32	32	42	10	11	14
SPECIFIC COND UMHOS	325	339	817	820	822	819	482	276	341
STRONTIUM UG/L	180	190	3300	2600	330	4000	440	130	190
SULFATE MG/L	31	43	82	110	100	110	51	55	31
TIN UG/L	< 4.0	< 4.0	< 11	< 11	< 10	< 11	< 8.0	< 3.0	< 5.0
TITANIUM UG/L	< 2.0	< 2.0	< 5.0	< 5.0	< 10	< 5.0	12	< 2.0	19
VANADIUM UG/L	< 3.0	< 3.0	< 5.0	< 5.0	< 10	< 5.0	< 4.0	< 2.0	< 5.0
ZINC UG/L	< 180	< 180	120	1100	20	< 1100	< 720	< 310	< 190
ZIRCONIUM UG/L	ND	ND	< 11	< 23	< 22	< 23	< 16	< 7.6	< 9.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

MONROE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	432022077473001	HILTON(V)-LAKE ONTARIO
B	431607077385301	MONROE COUNTY WATER AUTHORITY-LAKE ONTARIO

SYSTEM(S) ON THIS PAGE..	A	B	B	B	B	B	B	B	B
TYPE OF WATER SAMPLED...	TREATED	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	01/10/72	11/30/70	07/13/71	10/19/71	11/04/71	01/18/72	04/11/72	05/16/72	05/31/72
ALUMINUM UG/L	46	30	43	30	--	300	110	100	30
ARSENIC UG/L	3	0	8	--	2	2	2	2	8
BARIUM UG/L	26	26	26	30	--	35	32	30	23
BERYLLIUM UG/L	< .90	< .40	< .90	< .90	--	< 1.0	< .90	< 2.0	< 2.0
BICARBONATE MG/L	103	110	116	--	112	119	116	115	116
BISMUTH UG/L	< 3.0	< 2.0	< 3.0	< 4.0	--	< 5.0	< 5.0	< 3.0	< 4.0
BORON UG/L	21	23	13	28	--	25	21	20	10
CADMIUM UG/L	0	0	0	--	0	0	0	0	0
CALCIUM MG/L	43	41	44	--	38	40	40	44	43
CARBONATE MG/L	0	0	0	--	0	0	0	0	0
CHLORIDE MG/L	30	30	28	--	27	26	28	27	27
CHROMIUM UG/L	< 3	< 4	< 2	< 3	--	< 5	< 5	< 4	< 4
COBALT UG/L	< 3.0	< 2.0	< 2.0	< 4.0	--	< 4.0	< 2.0	< 4.0	< 4.0
COLIFORM CUL/100 ML	--	--	--	--	--	--	--	65	19
COPPER UG/L	2.0	3.0	14	30	--	34	20	16	17
CYANIDE MG/L	0	0	0	--	0	0	0	0	0
DISS SOLIDS SUM MG/L	194	176	188	0	172	176	178	182	179
FLUORIDE MG/L	1.2	.20	.20	--	.10	.20	.20	.20	.20
GALLIUM UG/L	< .90	ND	< 2.0	< .90	--	< 1.0	< 2.0	< 2.0	< 2.0
GERMANIUM UG/L	< 4.0	< 2.0	< 4.0	< 6.0	--	< 5.0	< 5.0	< 6.0	< 6.0
HARDNESS TOTAL MG/L	145	132	142	--	130	133	134	142	138
HARDNESS NONCARB MG/L	60	41	47	--	38	35	38	48	43
IRON UG/L	12	5.0	60	65	--	300	140	150	42
LEAD UG/L	< 3.0	< 2.0	< 2.0	< 3.0	--	< 5.0	< 5.0	< 4.0	< 4.0
LITHIUM UG/L	< 10	2.0	2.0	< 10	--	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	9.1	7.1	7.9	--	8.5	8.0	8.2	7.9	7.5
MANGANESE UG/L	7.0	5.0	4.0	4.0	--	11	11	7.0	4.0
MBAS MG/L	.03	.02	.03	--	.03	.02	.02	.02	.01
MERCURY UG/L	< .50	< .50	< .50	--	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	2.0	2.0	< 2.0	--	1.0	1.0	1.0	< 2.0
NICKEL UG/L	< 4.0	5.0	5.0	< 4.0	--	< 4.0	< 5.0	< 4.0	< 4.0
NITRATE AS N MG/L	.30	.30	.20	--	.20	.20	.20	.20	.30
NITRITE AS N MG/L	--	0	.02	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	.05	.07	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.28	--	.20	--	.59	.25	.42	.90	.30
PH UNITS	7.2	7.8	8.0	--	8.0	7.9	8.0	8.1	8.1
PHENOLS UG/L	1.0	0	0	--	11	0	0	--	--
PHOSPHORUS AS P MG/L	.01	.07	.02	--	.03	.02	.27	.02	.02
POTASSIUM MG/L	1.7	1.3	2.4	--	1.7	1.3	1.5	1.5	1.5
RUBIDIUM UG/L	--	1.0	< 2.0	--	--	--	--	--	--
SELENIUM UG/L	3	7	0	--	0	0	3	1	1
SILICA MG/L	1.0	.60	.30	--	.10	.40	.30	.50	.50
SILVER UG/L	< .30	.30	< .20	< .30	--	< .40	< .90	< .30	< .30
SODIUM MG/L	14	13	13	--	14	13	12	13	13
SPECIFIC CND UMHOS	347	332	333	--	321	327	333	225	337
STRONTIUM UG/L	180	190	140	170	--	190	110	160	130
SULFATE MG/L	43	28	27	--	27	28	30	31	29
TIN UG/L	< 4.0	< 4.0	< 4.0	< 8.0	--	< 5.0	< 5.0	< 4.0	< 4.0
TITANIUM UG/L	< 2.0	< 2.0	< 2.0	< 4.0	--	17	8.0	5.0	< 3.0
VANADIUM UG/L	< 4.0	< 3.0	< 2.0	< 3.0	--	< 4.0	< 10	< 4.0	< 4.0
ZINC UG/L	< 180	< 180	< 180	< 270	--	< 310	< 440	< 180	< 250
ZIRCONIUM UG/L	< 9.0	ND	< 6.0	< 9.0	--	< 10	< 10	< 6.0	< 8.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

MONROE COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	431607077385301	MONROE COUNTY WATER AUTHORITY-LAKE ONTARIO

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	06/14/72	07/12/72	07/26/72	08/09/72	08/23/72	09/05/72	09/20/72	10/04/72	10/18/72
ALUMINUM UG/L	100	180	170	190	41	51	270	34	160
ARSENIC UG/L	1	1	2	5	0	1	4	1	1
BARIUM UG/L	27	31	26	33	26	29	29	26	29
BERYLLIUM UG/L	< 2.0	< 2.0	< .80	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< .90
BICARBONATE MG/L	114	111	103	110	114	110	113	115	116
BISMUTH UG/L	< 4.0	< 9.0	< 4.0	< 9.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
BORON UG/L	10	15	6.0	13	10	11	14	14	17
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	40	40	36	41	41	40	40	43	41
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	26	25	25	29	28	26	27	28	29
CHROMIUM UG/L	< 9	< 4	< 4	< 9	< 4	< 4	< 4	< 9	< 4
COBALT UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 3.0	< 4.0	< 4.0	< 9.0	< 2.0
COLIFORM COL/100 ML	125	73	350	2000	72	210	520	E 9	K 2
COPPER UG/L	86	26	31	26	40	25	38	26	90
CYANIDE MG/L	0	0	0	0	0	.01	0	.01	0
DISS SOLIDS SUM MG/L	170	170	162	174	176	169	174	180	179
FLUORIDE MG/L	.10	.20	.20	.20	.10	.10	.10	.20	.10
GALLIUM UG/L	< 4.0	< 4.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0
GERMANIUM UG/L	< 9.0	< 9.0	< 4.0	< 9.0	< 4.0	< 4.0	< 4.0	< 9.0	< 9.0
HARDNESS TOTAL MG/L	131	132	122	134	137	132	131	139	137
HARDNESS NONCARB MG/L	38	41	38	44	43	41	38	45	41
IRON UG/L	300	150	310	230	75	72	370	70	260
LEAD UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 2.0	3.0	< 4.0	< 2.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	7.6	7.8	7.9	7.7	8.3	7.7	7.6	7.8	8.3
MANGANESE UG/L	11	11	13	15	6.0	6.0	16	5.0	7.0
MBAS MG/L	.03	.01	.02	.02	.03	.02	0	.02	.01
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 2.0	< 2.0	< .80	2.0	0.0	< 2.0	.80	.80
NICKEL UG/L	< 4.0	< 2.0	5.0	5.0	< 4.0	< 4.0	4.0	< 2.0	3.0
NITRATE AS N MG/L	.20	.09	.20	.10	.05	.04	.09	.10	.10
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.30	.46	.43	.35	.42	.34	.27	.34	.33
PH UNITS	8.0	8.0	8.2	8.1	8.2	8.3	8.3	8.1	8.3
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.02	.03	.04	.03	.02	.03	.03	0	.02
POTASSIUM MG/L	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	2	0	0	2	6	0	2	4
SILICA MG/L	.10	0	.20	.30	0	.10	.20	.30	.20
SILVER UG/L	< .80	< .80	< .40	< .30	< .40	< .40	< .40	< .80	< .40
SODIUM MG/L	12	12	12	12	12	12	13	13	13
SPECIFIC COND UMHOS	323	322	307	322	327	320	320	321	325
STRONTIUM UG/L	160	180	150	160	180	130	150	160	190
SULFATE MG/L	27	29	29	28	29	28	29	30	29
TIN UG/L	< 4.0	< 4.0	< 4.0	< 9.0	< 4.0	< 4.0	< 4.0	< 9.0	< 4.0
TITANIUM UG/L	3.0	5.0	35	6.0	< 4.0	3.0	11	< 2.0	6.0
VANADIUM UG/L	< 2.0	< 2.0	< 3.0	< 2.0	< 3.0	< 3.0	< 3.0	< 9.0	< 2.0
ZINC UG/L	< 180	< 380	< 260	410	< 270	< 300	< 270	< 180	< 270
ZIRCONIUM UG/L	< 9.0	< 9.0	< 8.0	< 4.0	< 6.0	< 6.0	< 9.0	< 9.0	< 9.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

MONROE COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	431607077385301	MONROE COUNTY WATER AUTHORITY-LAKE ONTARIO

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	11/01/72	11/14/72	11/28/72	12/13/72	12/26/72	01/10/73	01/23/73	02/06/73	02/19/73
ALUMINUM UG/L	110	17000	180	1200	530	540	720	1400	400
ARSENIC UG/L	0	10	0	10	0	10	0	0	0
BARIUM UG/L	27	160	27	37	32	29	29	48	32
BERYLLIUM UG/L	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
BICARBONATE MG/L	116	118	114	114	116	113	118	114	117
BISMUTH UG/L	< 5.0	< 8.0	< 4.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
BORON UG/L	22	61	15	25	17	20	30	28	20
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	42	44	44	44	45	42	42	42	43
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	28	30	26	28	29	25	25	28	28
CHROMIUM UG/L	< 5	28	< 4	< 3	< 5	< 5	< 5	< 5	< 5
COBALT UG/L	< 5.0	< 8.0	< 4.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
COLIFORM COL/100 ML	K 110	26000	40	50	--	K 17	86	530	K 5
COPPER UG/L	25	57	14	28	24	13	44	53	40
CYANIDE MG/L	.01	0	0	.01	.01	0	.01	.01	0
DISS SOLIDS SUM MG/L	179	193	178	183	191	176	179	185	184
FLUORIDE MG/L	.20	.10	.10	.10	.20	.10	.10	.20	.10
GALLIUM UG/L	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0
GERMANIUM UG/L	< 5.0	< 8.0	< 4.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
HARDNESS TOTAL MG/L	137	144	143	144	147	138	140	139	142
HARDNESS NONCARB MG/L	42	47	58	51	51	46	43	45	46
IRON UG/L	130	12000	130	1200	680	500	480	2800	330
LEAD UG/L	< 5.0	17	< 4.0	8.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	7.9	8.2	8.1	8.3	8.3	8.1	8.5	8.2	8.5
MANGANESE UG/L	8.0	230	5.0	30	13	18	12	37	10
MBAS MG/L	.03	.02	.02	.01	.02	.02	.03	.01	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	1.2	< .50
MOLYBDENUM UG/L	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0
NICKEL UG/L	< 5.0	24	< 4.0	7.0	7.0	5.0	6.0	9.0	< 5.0
NITRATE AS N MG/L	.10	.30	.20	.20	.40	.30	.40	.40	.30
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.39	.81	.25	.40	.20	.38	.19	.21	.18
PH UNITS	8.1	8.0	8.2	7.7	8.0	7.9	7.7	8.1	8.0
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.03	.25	.03	.06	.05	.06	.04	.07	.03
POTASSIUM MG/L	1.4	1.9	1.6	1.5	1.5	1.3	1.5	1.6	1.5
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	4	0	3	2	1	0	3	0
SILICA MG/L	.30	.80	.20	.60	1.0	.90	.50	.90	.70
SILVER UG/L	< .50	2.0	< .40	< .50	< .50	< .50	< .50	< .50	< .50
SODIUM MG/L	13	14	13	14	16	12	14	14	13
SPECIFIC COND UMHOS	329	349	331	337	346	324	334	337	339
STRONTIUM UG/L	200	210	180	190	340	170	140	160	170
SULFATE MG/L	29	35	29	30	35	31	29	34	31
TIN UG/L	< 5.0	< 8.0	< 4.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
TITANIUM UG/L	5.0	1200	7.0	55	12	20	36	190	18
VANADIUM UG/L	< 5.0	26	< 4.0	< 5.0	< 5.0	< 5.0	< 5.0	6.0	< 5.0
ZINC UG/L	10	90	40	8	10	20	20	20	0
ZIRCONIUM UG/L	< 9.0	< 50	< 6.0	< 7.0	< 5.0	< 5.0	< 10	< 10	< 9.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

MONROE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	431607077385301	MONROE COUNTY WATER AUTHORITY-LAKE ONTARIO

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	03/06/73	03/20/73	04/03/73	04/18/73	05/02/73	06/14/73	09/18/73	12/11/73	03/07/74
ALUMINUM UG/L	590	1500	800	330	110	90	140	150	280
ARSENIC UG/L	0	0	0	0	0	10	4	1	2
BARIUM UG/L	38	36	31	22	23	27	25	30	32
BERYLLIUM UG/L	< 2.0	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0
BICARBONATE MG/L	119	112	116	117	119	99	111	114	115
BISMUTH UG/L	< 5.0	< 5.0	< 5.0	< 4.0	< 4.0	< 5.0	< 5.0	< 5.0	< 5.0
BORON UG/L	15	24	19	15	9.0	10	13	18	26
CADMIUM UG/L	--	0	0	0	0	0	0	0	0
CALCIUM MG/L	44	42	43	43	41	40	36	37	39
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	31	27	26	26	28	31	28	29	28
CHROMIUM UG/L	< 5	< 5	< 5	< 3	< 4	< 1	< 2	2	< 2
COBALT UG/L	< 5.0	< 5.0	< 5.0	< 4.0	< 4.0	< 3.0	< 5.0	< 5.0	< 5.0
COLIFORM COL/100 ML	K 110	K 50	54	K 2	K 890	--	--	--	--
COPPER UG/L	21	23	52	25	70	17	24	8.0	45
CYANIDE MG/L	0	.01	.01	.02	.01	0	0	.01	0
DISS SOLIDS SUM MG/L	194	178	168	179	180	173	168	175	174
FLUORIDE MG/L	.20	.20	.30	.10	.30	1.1	.30	.50	.30
GALLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
GERMANIUM UG/L	< 5.0	< 5.0	< 5.0	< 4.0	< 4.0	< 5.0	< 5.0	< 5.0	< 5.0
HARDNESS TOTAL MG/L	146	137	141	140	135	135	120	142	131
HARDNESS NONCARB MG/L	48	46	46	44	38	54	29	48	36
IRON UG/L	610	1400	660	340	180	130	200	200	270
LEAD UG/L	< 4.0	4.0	< 5.0	< 4.0	< 4.0	< 5.0	< 5.0	< 5.0	< 3.0
LITHIUM UG/L	< 10	< 10	--	--	--	0	0	0	0
MAGNESIUM MG/L	8.8	7.9	8.2	8.0	8.0	8.5	7.3	12	8.1
MANGANESE UG/L	20	39	14	< 9.0	6.0	7.0	10	15	7.0
MBAS MG/L	.03	.02	.01	.01	0	.03	.01	.01	0
MERCURY UG/L	--	< .50	1.4	.90	4.4	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	2.0	< 2.0	1.0	< 2.0	1.0	< 2.0	< 2.0	2.0
NICKEL UG/L	6.0	7.0	6.0	4.0	< 4.0	2.0	< 4.0	< 5.0	< 3.0
NITRATE AS N MG/L	.40	.30	.50	.30	.30	.19	.15	.24	.33
NITRITE AS N MG/L	--	--	--	--	--	.01	.01	.01	.02
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.26	.13	.38	.44	.27	.11	.20	.22	.06
PH UNITS	7.8	7.8	8.0	8.1	7.9	7.6	7.8	7.9	7.9
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.06	.05	.04	.03	.04	.01	.03	.02	.03
POTASSIUM MG/L	1.6	1.5	1.5	1.4	1.3	1.5	.80	1.6	1.7
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	2	1	1	1	0	0	2	1
SILICA MG/L	.90	.70	.80	.50	.20	.50	.40	.40	.60
SILVER UG/L	< .50	< .50	< .50	< .40	< .40	< .50	0	< .50	< .50
SODIUM MG/L	15	14	2.9	13	13	12	13	14	12
SPECIFIC COND UMHOS	349	331	338	333	325	325	324	323	329
STRONTIUM UG/L	180	170	180	190	120	130	130	190	220
SULFATE MG/L	34	29	28	29	29	30	27	24	27
TIN UG/L	< 4.0	< 5.0	< 5.0	< 4.0	< 4.0	< 5.0	< 5.0	< 5.0	< 5.0
TITANIUM UG/L	28	90	17	11	< 4.0	< 4.0	6.0	7.0	12
VANADIUM UG/L	< 4.0	3.0	< 5.0	< 3.0	< 4.0	< 2.0	< 3.0	< 2.0	< 2.0
ZINC UG/L	--	40	30	10	20	0	10	80	40
ZIRCONIUM UG/L	< 5.0	< 7.0	< 9.0	< 6.0	< 9.0	< 7.0	< 7.0	< 5.0	< 7.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

MONROE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	431607077385301	MONROE COUNTY WATER AUTHORITY-LAKE ONTARIO
B	431607077385300	MONROE COUNTY WATER AUTHORITY-LAKE ONTARIO

SYSTEM(S) ON THIS PAGE..	A	A	A	A	B	B	B	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	06/25/74	09/10/74	12/11/74	03/11/75	11/30/70	07/13/71	10/19/71	01/18/72	04/11/72
ALUMINUM UG/L	75	100	120	530	16	31	30	36	40
ARSENIC UG/L	< 1	1	1	1	0	0	1	0	0
BARIUM UG/L	27	27	33	35	29	25	24	28	27
BERYLLIUM UG/L	< 2.0	< .30	< .30	< .30	< .40	< .90	< .90	< .90	< .90
BICARBONATE MG/L	100	107	117	114	96	95	93	100	94
BISMUTH UG/L	< 4.0	< .90	< 2.0	< 2.0	< 2.0	< 3.0	< 4.0	< 5.0	< 5.0
BORON UG/L	16	16	25	30	21	17	24	26	20
CADMIUM UG/L	0	1	0	1	--	0	0	0	0
CALCIUM MG/L	--	38	41	42	40	42	40	41	41
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	28	29	27	26	32	31	31	30	30
CHROMIUM UG/L	< 2	< 2	< 2	< 2	< 4	< 2	< 3	< 5	< 5
COBALT UG/L	< 3.0	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 3.0	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	16	32	27	10	20	8.0	6.0	6.0	5.0
CYANIDE MG/L	0	.01	.01	.01	0	0	0	0	0
DISS SOLIDS SUM MG/L	186	171	178	177	187	182	177	183	182
FLUORIDE MG/L	.20	.20	.20	.30	1.0	1.5	.90	1.1	1.7
GALLIUM UG/L	< 2.0	< .50	< .60	< .50	ND	< 2.0	< .90	< .90	< 2.0
GERMANIUM UG/L	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 6.0	< 5.0	< 5.0
HARDNESS TOTAL MG/L	--	130	138	136	130	137	128	135	135
HARDNESS NONCARB MG/L	--	43	42	44	51	59	52	53	58
IRON UG/L	90	200	170	500	12	5.0	11	6.0	22
LEAD UG/L	< 4.0	< 2.0	< 2.0	2.0	< 2.0	< 2.0	< 3.0	< 5.0	< 5.0
LITHIUM UG/L	< 2.0	2.0	2.0	2.0	1.0	2.0	< 10	< 10	< 10
MAGNESIUM MG/L	--	8.5	8.7	8.8	7.2	7.7	6.7	8.0	8.0
MANGANESE UG/L	5.0	8.0	8.0	10	< 2.0	26	5.0	12	5.0
MBAS MG/L	.04	.02	0	0	.03	.03	.02	.02	.03
MERCURY UG/L	< .50	< .50	< .50	.50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	1.0	1.0	1.0	2.0	2.0	< 2.0	1.0	1.0
NICKEL UG/L	< 3.0	3.0	2.0	3.0	4.0	5.0	< 4.0	< 3.0	< 5.0
NITRATE AS N MG/L	.24	.27	.23	.27	.30	.29	.19	.20	.20
NITRITE AS N MG/L	.01	0	0	.01	0	0	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	0	.18	--	--	--
NITROGEN NH4+ORGN MG/L	.32	.13	.27	.26	--	.13	.29	.37	.15
PH UNITS	7.6	7.4	7.6	7.5	7.4	7.5	7.1	7.2	7.1
PHENOLS UG/L	--	--	--	--	0	0	6.0	0	--
PHOSPHORUS AS P MG/L	.03	.02	.03	.03	.03	0	.01	.01	.01
POTASSIUM MG/L	--	1.2	1.5	1.5	1.4	1.3	1.7	1.2	1.8
RUBIDIUM UG/L	--	--	--	--	1.0	< 2.0	--	--	--
SELENIUM UG/L	1	2	0	0	1	3	0	1	0
SILICA MG/L	.10	.40	.10	.40	1.1	.90	.50	.90	.80
SILVER UG/L	< .40	< .20	< .20	< .20	< .20	< .20	< .30	< .30	< .90
SODIUM MG/L	--	14	14	13	13	13	14	13	13
SPECIFIC COND UMHOS	340	380	390	325	332	338	330	335	334
STRONTIUM UG/L	170	150	180	280	190	130	170	200	110
SULFATE MG/L	28	27	28	29	44	37	36	38	39
TIN UG/L	< 4.0	< 2.0	< 2.0	< 2.0	< 4.0	< 4.0	< 6.0	< 5.0	< 5.0
TITANIUM UG/L	< 4.0	2.0	5.0	10	< 2.0	< 2.0	< 4.0	14	< 5.0
VANADIUM UG/L	< 2.0	< 1.0	< 1.0	.60	< 3.0	< 2.0	< 3.0	< 3.0	< 4.0
ZINC UG/L	76	0	20	10	< 180	< 180	< 260	< 290	< 420
ZIRCONIUM UG/L	< 5.0	< 2.0	< 2.0	< 2.0	ND	< 5.0	< 9.0	< 9.0	< 9.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

MONROE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	431607077385300	MONROE COUNTY WATER AUTHORITY-LAKE ONTARIO
B	430214077541401	ONTARIO THRUWAY SERVICE AREA-WELLS

SYSTEM(S) ON THIS PAGE...	A	A	A	A	A	A	A	A	B
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	RAW
DATE.....	06/14/73	09/18/73	12/11/73	03/07/74	06/25/74	09/10/74	12/11/74	03/11/75	04/04/74
ALUMINUM UG/L	100	28	37	24	50	<40	25	50	30
ARSENIC UG/L	0	1	< 1	2	1	0	0	0	2
BARIUM UG/L	25	28	28	24	25	26	28	27	70
BERYLLIUM UG/L	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< .30	< .30	< .30	< 4.0
BICARBONATE MG/L	116	101	98	96	93	94	99	96	307
BISMUTH UG/L	< 5.0	< 4.0	< 5.0	< 5.0	< 4.0	< .90	< 2.0	< 1.0	< 13
BORON UG/L	15	13	23	25	20	30	25	20	22
CADMIUM UG/L	0	0	0	0	0	1	0	0	0
CALCIUM MG/L	40	37	38	40	--	38	42	39	270
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	26	30	31	30	29	31	30	29	500
CHROMIUM UG/L	< 1	< 2	< 2	< 2	< 2	< 2	< 2	< 1	< 6
COBALT UG/L	< 3.0	< 4.0	< 5.0	< 5.0	< 3.0	< 1.0	< 2.0	< 1.0	< 12
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	11	4.0	8.0	10	12	7.0	3.0	5.0	< 3.0
CYANIDE MG/L	0	.01	.01	.01	.01	.01	.02	.01	0
DISS SOLIDS SUM MG/L	172	176	177	176	113	176	183	179	1760
FLUORIDE MG/L	.20	.60	1.2	1.3	.50	1.0	1.3	1.8	1.0
GALLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< .50	< .60	< .50	< 3.0
GERMANIUM UG/L	< 5.0	< 4.0	< 5.0	< 5.0	< 4.0	< 2.0	< 2.0	< 2.0	< 12
HARDNESS TOTAL MG/L	134	123	124	134	--	128	140	130	896
HARDNESS NONCARB MG/L	39	40	49	55	--	51	59	53	645
IRON UG/L	40	< 4.0	< 5.0	6.0	5.0	8.0	3.0	10	950
LEAD UG/L	< 5.0	< 4.0	< 5.0	< 5.0	< 4.0	< 2.0	< 2.0	< 2.0	< 13
LITHIUM UG/L	0	0	0	0	2.0	2.0	1.0	2.0	20
MAGNESIUM MG/L	8.3	7.5	8.4	8.2	--	8.1	8.6	8.0	54
MANGANESE UG/L	< 2.0	< 3.0	< 2.0	13	5.0	< .80	5.0	< 1.0	65
MBAS MG/L	.04	.04	.01	0	.03	.03	0	0	.09
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	.50	< .50
MOLYBDENUM UG/L	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	1.0	1.0	1.0	9.0
NICKEL UG/L	< 2.0	< 4.0	< 5.0	< 3.0	< 3.0	1.0	< 2.0	< 1.0	< 8.0
NITRATE AS N MG/L	.35	.29	.25	.34	.28	.29	.23	.28	.03
NITRITE AS N MG/L	.05	.01	.01	0	0	0	0	0	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.42	.05	.17	0	.13	.02	.19	.38	.09
PH UNITS	8.1	7.3	7.4	7.0	7.4	6.9	6.9	6.8	6.9
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.03	.00	.01	.01	.01	.01	.02	.02	0
POTASSIUM MG/L	1.4	.80	1.7	1.8	--	1.1	1.5	1.5	3.9
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	2	< 1	2	3	0	0	1
SILICA MG/L	0	.70	.81	.90	.30	.90	.90	1.4	7.8
SILVER UG/L	< .50	0	< .50	< .50	< .40	< .40	< .20	< .20	< 2.0
SODIUM MG/L	12	13	14	12	--	14	12	13	270
SPECIFIC COND UMHOS	319	339	337	335	350	340	405	332	4000
STRONTIUM UG/L	130	130	220	200	170	170	180	160	2200
SULFATE MG/L	27	36	33	36	37	35	38	39	490
TIN UG/L	< 5.0	< 4.0	< 5.0	< 5.0	< 4.0	< 2.0	< 2.0	< 2.0	< 12
TITANIUM UG/L	< 4.0	< 3.0	< 3.0	< 2.0	< 4.0	< 2.0	< 1.0	< 1.0	< 12
VANADIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 1.0	< .60	< 8.0
ZINC UG/L	0	20	0	10	20	20	0	0	40
ZIRCONIUM UG/L	< 7.0	< 7.0	< 5.0	< 7.0	< 6.0	< 2.0	< 2.0	< 2.0	< 12

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

MONROE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	430214077541401	ONTARIO THRUWAY SERVICE AREA-WELLS
B	430214077541400	ONTARIO THRUWAY SERVICE AREA-WELLS
C	430526077291401	PITTSFORD(V)-WELLS
D	430526077291400	PITTSFORD(V)-WELLS
E	425944077384700	ROCHESTER(C)-HEMLOCK LAKE
F	431129077440500	SPENCERPORT(V)-SPRINGS&WELLS
G	430717077485001	SPRING BANK HEIGHTS PARK-WELL

SYSTEM(S) ON THIS PAGE..	A	B	B	C	C	D	E	F	G
TYPE OF WATER SAMPLED...	RAW	TREATED	TREATED	RAW	RAW	TREATED	DISTRBN	DISTRBN	RAW
DATE.....	02/26/75	09/04/74	02/26/75	01/11/72	01/26/73	01/11/72	01/10/72	01/10/72	01/23/73
ALUMINUM UG/L	30	60	24	12	13	29	140	73	21
ARSENIC UG/L	2	0	0	0	0	0	3	1	0
BARIUM UG/L	30	22	18	57	41	< 33	10	240	34
BERYLLIUM UG/L	< 3.0	< 2.0	< 1.0	< 4.0	< 5.0	< 4.0	< .60	< 2.0	< 3.0
BICARBONATE MG/L	327	145	161	257	270	258	69	198	104
BISMUTH UG/L	< 10	< 7.0	< 4.0	< 15	< 13	< 15	< 2.0	< 4.0	< 13
BORON UG/L	70	25	50	46	38	38	10	20	34
CADMIUM UG/L	1	0	0	1	0	1	0	0	0
CALCIUM MG/L	100	100	100	119	130	27	26	65	44
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	470	260	130	230	140	210	15	29	83
CHROMIUM UG/L	< 10	< 10	< 4	< 15	< 13	< 15	< 2	< 4	< 13
COBALT UG/L	< 10	< 7.0	< 4.0	< 15	< 13	< 15	< 2.0	< 4.0	< 10
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	3.0	6.0	130	3.0	4.0	8.0	20	14	20
CYANIDE MG/L	0	.08	.04	0	0	0	0	0	.01
DISS SOLIDS SUM MG/L	1867	895	699	768	845	787	119	275	472
FLUORIDE MG/L	1.0	.50	.40	.20	.10	.20	1.0	.10	.10
GALLIUM UG/L	< 4.0	< 2.0	< 2.0	< 4.0	< 7.0	< 4.0	< .60	< 2.0	< 7.0
GERMANIUM UG/L	< 12	< 7.0	< 5.0	< 15	< 13	< 15	< 3.0	< 6.0	< 13
HARDNESS TOTAL MG/L	1006	348	332	654	685	106	98	220	353
HARDNESS NONCARB MG/L	740	230	200	243	284	0	34	58	104
IRON UG/L	1600	6.0	70	250	210	52	270	18	330
LEAD UG/L	< 10	< 7.0	< 4.0	< 15	< 13	< 15	2.0	< 4.0	< 13
LITHIUM UG/L	10	12	7.0	30	10	20	< 10	< 10	< 10
MAGNESIUM MG/L	63	24	20	30	39	9.4	6.2	14	47
MANGANESE UG/L	20	20	7.0	25	36	< 8.0	29	< 3.0	10
MBAS MG/L	.10	.08	0	.04	.03	.04	.02	.02	.05
MERCURY UG/L	.50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	.50
MOLYBDENUM UG/L	7.0	4.0	3.0	< 7.0	< 7.0	< 8.0	< 1.0	< 3.0	< 3.0
NICKEL UG/L	< 8.0	< 6.0	< 3.0	< 15	< 13	< 15	3.0	< 6.0	< 13
NITRATE AS N MG/L	.01	.02	.01	.02	0	0	.11	1.7	3.5
NITRITE AS N MG/L	0	0	.01	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.18	.06	.03	.03	.12	.02	.32	.07	.12
PH UNITS	6.8	6.8	6.7	7.6	7.9	8.0	7.4	7.8	7.5
PHENOLS UG/L	--	--	--	1.0	--	0	2.0	1.0	--
PHOSPHORUS AS P MG/L	0	0	0	.01	.00	.00	.02	.00	0
POTASSIUM MG/L	3.7	1.8	1.5	2.7	2.6	1.8	1.4	1.2	1.8
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	< 2	0	4	2	0	1	2	0
SILICA MG/L	8.0	7.8	8.2	12	11	12	2.8	12	10
SILVER UG/L	< 1.0	< .70	< .50	< 4.0	< 2.0	< 4.0	< .20	< .40	< 2.0
SODIUM MG/L	220	190	120	90	50	250	7.0	13	68
SPECIFIC COND UMHOS	2670	2000	1120	1230	1100	1300	215	469	1020
STRONTIUM UG/L	2700	830	850	6100	7100	1500	54	110	260
SULFATE MG/L	640	240	240	150	140	150	26	45	65
TIN UG/L	< 10	< 7.0	< 4.0	< 15	< 13	< 15	< 3.0	< 6.0	< 13
TITANIUM UG/L	< 7.0	< 7.0	< 3.0	< 7.0	< 13	< 8.0	3.0	< 3.0	< 7.0
VANADIUM UG/L	< 5.0	< 5.0	< 2.0	< 7.0	< 13	< 8.0	< 3.0	< 8.0	< 13
ZINC UG/L	80	40	30	< 1500	20	< 1600	< 110	< 760	170
ZIRCONIUM UG/L	< 16	< 10	< 7.0	< 32	< 30	< 33	< 5.0	< 12	< 20

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

MONROE COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	431243077254801	WEBSTER(V)-WELLS
	B	431243077254800	WEBSTER(V)-WELLS

SYSTEM(S) ON THIS PAGE..	A	B
TYPE OF WATER SAMPLED...	RAW	DISTRBN
DATE.....	01/26/73	01/10/72
ALUMINUM UG/L	180	10
ARSENIC UG/L	0	3
BARIUM UG/L	260	260
BERYLLIUM UG/L	< 5.0	< 3.0
BICARBONATE MG/L	186	174
BISMUTH UG/L	< 14	< 11
BORON UG/L	15	17
CADMIUM UG/L	0	1
CALCIUM MG/L	97	77
CARBONATE MG/L	0	0
CHLORIDE MG/L	290	210
CHROMIUM UG/L	< 14	< 11
COBALT UG/L	< 14	< 11
COLIFORM COL/100 ML	--	--
COPPER UG/L	< 4.0	12
CYANIDE MG/L	.01	0
DISS SOLIDS SUM MG/L	678	539
FLUORIDE MG/L	.10	1.3
GALLIUM UG/L	< 7.0	< 3.0
GERMANIUM UG/L	< 14	< 11
HARDNESS TOTAL MG/L	345	283
HARDNESS NONCARB MG/L	191	140
IRON UG/L	310	480
LEAD UG/L	< 14	< 11
LITHIUM UG/L	80	60
MAGNESIUM MG/L	25	22
MANGANESE UG/L	23	24
MBAS MG/L	.06	.05
MERCURY UG/L	.69	< .50
MOLYBDENUM UG/L	< 7.0	< 3.0
NICKEL UG/L	< 14	< 6.0
NITRATE AS N MG/L	0	0
NITRITE AS N MG/L	--	--
NITROGEN NH4 AS N MG/L	--	--
NITROGEN NH4+ORG-N MG/L	0	.04
PH UNITS	7.9	7.7
PHENOLS UG/L	--	0
PHOSPHORUS AS P MG/L	.01	.01
POTASSIUM MG/L	2.2	1.8
RUBIDIUM UG/L	--	--
SELENIUM UG/L	2	3
SILICA MG/L	15	14
SILVER UG/L	< 2.0	< 3.0
SODIUM MG/L	120	90
SPECIFIC COND UMHOS	1240	965
STRONTIUM UG/L	880	650
SULFATE MG/L	36	35
TIN UG/L	< 14	< 11
TITANIUM UG/L	< 14	< 6.0
VANADIUM UG/L	< 14	< 6.0
ZINC UG/L	20	< 1100
ZIRCONIUM UG/L	< 31	< 24

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

MONTGOMERY COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	430749074045100	AMSTERDAM(C)-STEELE&MANNS CREEKS RESERVOIRS
B	430745074045800	AMSTERDAM(C)-STEELE&MANNS CREEKS RESERVOIRS
C	425615074112900	AMSTERDAM(C)-STEELE&MANNS CREEKS RESERVOIRS

SYSTEM(S) ON THIS PAGE..	A	A	A	A	B	B	B	B	C
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	TREATED	TREATED	TREATED	TREATED	DISTRBN
DATE.....	06/26/74	10/11/74	12/19/74	03/18/75	06/26/74	10/11/74	12/19/74	03/18/75	09/24/71
ALUMINUM UG/L	400	900	250	230	340	710	270	260	300
ARSENIC UG/L	0	1	0	0	0	0	0	0	6
BARIUM UG/L	28	27	18	20	28	24	19	20	27
BERYLLIUM UG/L	< .60	.10	< .10	.04	< .20	.10	< .10	.06	< .10
BICARBONATE MG/L	3	3	3	2	1	1	1	0	2
BISMUTH UG/L	< 2.0	< .30	< .50	< .20	< .60	< .30	< .50	< .20	< .60
BORON UG/L	15	9.0	6.0	6.0	12	10	7.0	7.0	7.0
CADMIUM UG/L	0	1	0	0	0	1	0	0	0
CALCIUM MG/L	2.5	4.7	3.3	4.0	2.6	3.8	3.2	4.0	4.0
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	.50	1.2	1.0	.90	2.5	2.5	3.6	3.7	4.0
CHROMIUM UG/L	0	1	< 1	< 1	0	0	< 1	< 1	2
COBALT UG/L	< 2.0	2.0	.70	.90	.70	1.0	.70	.30	.80
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	2.0	5.0	1.0	1.0	190	120	140	180	410
CYANIDE MG/L	0	0	.01	0	0	0	.01	0	0
DISS SOLIDS SUM MG/L	18	28	23	24	19	18	25	25	25
FLUORIDE MG/L	.10	.20	.20	.30	.20	.20	.30	.30	.10
GALLIUM UG/L	< 1.0	.30	< .20	< .07	< .30	.20	< .20	< .10	< .30
GERMANIUM UG/L	< 2.0	< .30	< .50	< .20	< .70	< .30	< .60	< .20	< .60
HARDNESS TOTAL MG/L	8	14	12	13	9	10	12	14	13
HARDNESS NONCARB MG/L	6	12	10	12	8	9	11	14	12
IRON UG/L	770	1200	210	350	770	1100	240	390	2500
LEAD UG/L	< 2.0	4.0	1.0	1.0	60	42	48	3.0	10
LITHIUM UG/L	1.0	1.0	.30	.90	1.0	1.0	.30	.70	< 10
MAGNESIUM MG/L	.50	.60	1.0	.80	.60	.80	1.0	.90	.80
MANGANESE UG/L	130	110	66	57	110	100	65	63	180
MBAS MG/L	.06	.02	0	0	.07	.06	.10	0	.06
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 1.0	< .10	< .20	< .04	< .30	< .10	< .20	< .65	.20
NICKEL UG/L	2.0	2.0	1.0	1.0	2.0	2.0	1.0	1.0	4.0
NITRATE AS N MG/L	.04	.01	.09	.25	.04	.02	.09	.21	.10
NITRITE AS N MG/L	0	0	0	.04	0	0	0	.01	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	.49
NITROGEN NH4+ORG-N MG/L	.33	.44	.29	.25	.77	.98	.52	.47	.94
PH UNITS	6.5	6.4	5.8	6.1	5.3	5.7	5.0	4.9	5.1
PHENOLS UG/L	--	--	--	--	--	--	--	--	9.0
PHOSPHORUS AS P MG/L	.02	.04	.01	.01	.01	.04	.01	.01	.02
POTASSIUM MG/L	.30	.40	.20	.30	.30	.40	.30	.30	.30
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	2	3	0	0	1	2	0	0	3
SILICA MG/L	2.7	2.7	5.4	6.5	2.8	2.7	5.9	6.5	3.3
SILVER UG/L	< .20	< .03	< .05	< .02	< .10	< .03	< .05	< .02	.10
SODIUM MG/L	.60	.50	.50	.70	.60	.50	.50	.70	.80
SPECIFIC COND UMHOS	36	29	38	36	35	35	44	42	42
STRONTIUM UG/L	20	21	16	16	23	20	17	20	30
SULFATE MG/L	9.6	7.8	9.2	9.1	8.8	7.6	9.6	8.5	10
TIN UG/L	< 2.0	< .30	< .50	< .20	< .70	< .30	< .50	< .20	< .60
TITANIUM UG/L	4.0	50	2.0	2.0	4.0	34	3.0	1.0	5.0
VANADIUM UG/L	< 2.0	2.0	.50	< .20	1.0	1.0	.70	< .20	1.0
ZINC UG/L	40	60	20	10	140	30	20	10	170
ZIRCONIUM UG/L	< 3.0	1.0	< .70	< .30	< 1.0	1.0	< .70	< .30	< .40

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

MONTGOMERY COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	425534074341300	CANAJOHARIE(V)-SPRITE CREEK
B	425534074341301	CANAJOHARIE(V)-SPRITE CREEK

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	B	B	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	TREATED	TREATED	TREATED	TREATED
DATE.....	09/24/71	07/09/74	10/02/74	12/23/74	03/19/75	09/24/71	07/09/74	10/02/74	12/23/74
ALUMINUM UG/L	77	85	130	70	87	61	90	130	65
ARSENIC UG/L	3	0	1	0	0	9	0	< 1	0
BARIUM UG/L	13	12	11	9.0	8.0	30	12	10	7.0
BERYLLIUM UG/L	< .80	< 1.0	< .30	< 1.0	< .30	< .80	< 1.0	< .30	< 1.0
BICARBONATE MG/L	151	132	144	145	138	143	128	141	144
BISMUTH UG/L	< 4.0	< 3.0	< 2.0	< 4.0	< 1.0	< 4.0	< 3.0	< 2.0	< 4.0
BORON UG/L	5.0	18	4.0	< 4.0	5.0	45	18	5.0	< 4.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	40	37	40	38	36	39	29	40	38
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	1.9	1.6	8.0	2.1	2.7	5.2	5.0	4.3	3.6
CHROMIUM UG/L	< 4	< 2	< 2	< 4	< 2	< 4	< 2	< 2	< 4
COBALT UG/L	< 2.0	< 3.0	< .60	< 4.0	< 1.0	< 2.0	< 3.0	< .60	10
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	100	15	23	5.0	40	13	9.0	14	3.0
CYANIDE MG/L	0	0	0	.01	0	0	0	0	.02
DISS SOLIDS SUM MG/L	144	133	146	140	137	136	117	143	141
FLUORIDE MG/L	.10	.20	.10	0	.10	.50	.30	.20	.30
GALLIUM UG/L	< 2.0	< 2.0	< .60	< 2.0	< .50	< 2.0	< 2.0	< .60	< 2.0
GERMANIUM UG/L	< 4.0	< 4.0	< 2.0	< 4.0	< 1.0	< 4.0	< 4.0	< 2.0	< 4.0
HARDNESS TOTAL MG/L	136	127	134	132	127	131	105	134	132
HARDNESS NONCARB MG/L	12	19	14	13	14	13	0	19	14
IRON UG/L	270	330	340	150	210	140	130	320	95
LEAD UG/L	< 4.0	< 3.0	< 2.0	< 4.0	< .60	< 4.0	< 3.0	9.0	< 4.0
LITHIUM UG/L	< 10	.80	< .60	< 10	< .30	< 10	.80	< .60	20
MAGNESIUM MG/L	8.8	8.4	8.4	9.1	9.0	8.1	8.0	8.4	9.0
MANGANESE UG/L	100	470	70	47	43	61	20	30	8.0
MBAS MG/L	.02	.02	.01	0	0	.03	.04	.03	0
MERCURY UG/L	< .10	< .50	< .50	< .50	< .50	1.0	.60	< .50	< .50
MOLYBDENUM UG/L	< .80	< .70	< .30	< 2.0	< .30	< .80	< .80	< .30	< 2.0
NICKEL UG/L	5.0	< 3.0	< .60	< 4.0	< .60	6.0	< 3.0	< .60	< 4.0
NITRATE AS N MG/L	.10	.04	.03	.09	.14	0	.05	.03	.11
NITRITE AS N MG/L	--	.01	0	0	.01	--	0	0	.02
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.57	.29	.21	.16	.13	.24	.14	.09	.11
PH UNITS	7.6	7.4	7.9	7.8	7.8	7.7	7.2	7.7	7.7
PHENOLS UG/L	0	--	--	--	--	8.0	--	--	--
PHOSPHORUS AS P MG/L	.02	.01	.02	.02	.01	1.4	1.1	.78	1.5
POTASSIUM MG/L	.50	.60	.60	.30	.50	.50	.60	.30	.20
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	< 1	3	0	0	2	1	< 2	0
SILICA MG/L	6.3	6.5	7.2	7.6	7.2	6.6	7.3	7.4	7.5
SILVER UG/L	< .40	< .40	2.0	< .40	< .10	< .40	< .40	< .20	< .60
SODIUM MG/L	1.6	2.8	1.1	1.5	1.6	2.8	2.7	1.6	2.7
SPECIFIC COND UMHOS	256	240	250	280	190	250	230	245	247
STRONTIUM UG/L	240	170	180	170	140	220	210	190	160
SULFATE MG/L	10	12	10	10	12	1.6	.30	11	7.1
TIN UG/L	< 4.0	< 4.0	< 2.0	< 4.0	< 1.0	< 4.0	< 4.0	< 2.0	< 4.0
TITANIUM UG/L	4.0	< 3.0	7.0	< 4.0	4.0	2.0	< 3.0	6.0	< 4.0
VANADIUM UG/L	< 2.0	< 2.0	< .60	< 4.0	< 1.0	2.0	< 2.0	< .60	< 4.0
ZINC UG/L	< 180	10	10	0	70	< 180	20	20	10
ZIRCONIUM UG/L	< 4.0	< 5.0	< 2.0	< 7.0	< 2.0	< 4.0	< 6.0	< 2.0	< 7.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

MONTGOMERY COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND MAP SOURCE OF WATER SAMPLED
A	425534074341301	CANAJOHARIE(V)-SPRITE CREEK
B	425715074224302	FONDA(V)-BRIGGS RUN&SAND FLATS RESERVOIR
C	425555074372500	FORT PLAIN(V)-NORTH CREEK
D	425600074380601	FORT PLAIN(V)-WELL SYSTEM
E	425715074224301	FULTONVILLE(V)-WELLS
F	425715074224300	FULTONVILLE(V)-WELLS
G	425549074330801	PALATINE BRIDGE(V)-WELLS

SYSTEM(S) ON THIS PAGE...	A	B	C	D	E	F	G	G	G
TYPE OF WATER SAMPLED...	TREATED	DISTRBN	DISTRBN	RAW	RAW	TREATED	RAW	RAW	RAW
DATE.....	03/19/75	09/24/71	09/24/71	02/23/73	03/15/73	03/15/75	11/30/70	01/25/71	03/30/73
ALUMINUM UG/L	66	50	52	11	< 15	< 7.0	24	5.0	21
ARSENIC UG/L	0	0	4	0	0	0	0	0	0
BARIUM UG/L	7.0	17	10	110	660	140	150	160	110
BERYLLIUM UG/L	< .30	< 2.0	< .70	< 4.0	< 5.0	< 5.0	< 1.0	< 2.0	< 4.0
BICARBONATE MG/L	135	246	120	383	378	378	312	330	325
BISMUTH UG/L	< 1.0	< 7.0	< 4.0	< 11	< 13	< 15	< 5.0	< 8.0	< 10
BORON UG/L	6.0	18	6.0	29	52	64	110	110	78
CADMIUM UG/L	0	0	0	0	0	1	0	0	0
CALCIUM MG/L	38	53	38	120	110	11	145	128	120
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	4.9	4.1	9.2	75	140	190	49	60	23
CHROMIUM UG/L	< 2	< 7	< 4	< 11	< 13	< 15	< 10	< 8	< 10
COBALT UG/L	< 1.0	< 3.0	< 2.0	< 11	< 13	< 15	< 5.0	< 8.0	< 10
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	2.0	180	920	3.0	4.0	7.0	.90	10	< 3.0
CYANIDE MG/L	.01	0	0	0	0	0	0	0	.01
DISS SOLIDS SUM MG/L	145	235	130	501	598	705	527	508	453
FLUORIDE MG/L	.60	.10	.10	.10	.40	.40	.40	.30	.30
GALLIUM UG/L	< .50	< 3.0	< 2.0	< 6.0	< 7.0	< 7.0	ND	< 5.0	< 5.0
GERMANIUM UG/L	< 1.0	< 7.0	< 4.0	< 11	< 13	< 15	< 5.0	< 10	< 10
HARDNESS TOTAL MG/L	127	231	122	374	486	38	461	414	403
HARDNESS NONCARB MG/L	16	29	24	76	96	0	205	144	136
IRON UG/L	140	100	200	< 11	4000	270	130	140	89
LEAD UG/L	< .60	32	14	< 11	< 13	< 15	< 5.0	< 5.0	< 10
LITHIUM UG/L	< .30	< 10	< 10	20	40	30	5.0	10	--
MAGNESIUM MG/L	7.8	24	6.7	18	32	2.5	24	23	25
MANGANESE UG/L	5.0	61	74	< 6.0	230	10	16	20	14
MBAS MG/L	0	.03	.04	.03	.06	.12	.03	.04	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	--	< .50	< .50	< .50
MOLYBDENUM UG/L	< .30	< 2.0	< .70	< 6.0	< 7.0	< 7.0	15	12	10
NICKEL UG/L	< .60	< 7.0	11	< 11	< 13	< 15	< 8.0	< 10	< 10
NITRATE AS N MG/L	.13	.20	0	3.0	1.2	0	0	0	.04
NITRITE AS N MG/L	0	--	--	--	--	--	0	0	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	.26	.48	.48
NITROGEN NH4+ORG-N MG/L	.06	.57	.56	0	.27	.03	--	--	.12
PH UNITS	7.6	8.1	7.7	7.8	7.3	7.6	7.9	7.7	7.6
PHENOLS UG/L	--	--	0	--	--	--	0	0	--
PHOSPHORUS AS P MG/L	2.0	.05	.02	.08	.02	.07	8.8	.02	.00
POTASSIUM MG/L	.50	--	.60	4.2	2.0	.50	3.0	4.0	3.5
RUBIDIUM UG/L	--	--	--	--	--	--	10	5.0	--
SELENIUM UG/L	0	5	2	2	0	0	4	0	0
SILICA MG/L	7.3	3.1	5.7	9.2	17	17	7.2	7.2	7.8
SILVER UG/L	< .10	< .70	< .30	< 2.0	< 2.0	< 2.0	< .05	< .50	< 1.0
SODIUM MG/L	3.0	3.6	3.0	41	88	260	16	17	13
SPECIFIC COND UMHOS	255	423	232	893	1050	1230	829	883	743
STRONTIUM UG/L	130	190	100	460	2700	270	1800	2000	1900
SULFATE MG/L	14	26	7.5	52	41	38	110	106	100
TIN UG/L	< 1.0	< 7.0	< 4.0	< 11	< 13	< 15	< 10	< 8.0	< 10
TITANIUM UG/L	1.0	< 3.0	2.0	< 11	< 13	< 15	< 5.0	2.0	< 10
VANADIUM UG/L	< 1.0	< 3.0	< 2.0	< 11	< 13	< 15	< 8.0	< 5.0	< 10
ZINC UG/L	10	< 300	< 160	150	70	--	< 490	< 500	30
ZIRCONIUM UG/L	< 2.0	< 7.0	< 4.0	< 24	< 29	< 32	ND	< 25	< 21

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

MONTGOMERY COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	425549074330800	PALATINE BRIDGE(V)-WELLS
B	425323074050301	PATTERSONVILLE THRUWAY SERVICE AREA-WELL #1
C	425323074050300	PATTERSONVILLE THRUWAY SERVICE AREA-WELL #1
D	425956074404300	ST JOHNSVILLE(V)-YAUNEY RESERVOIR

SYSTEM(S) ON THIS PAGE..	A	A	B	B	B	C	C	D
TYPE OF WATER SAMPLED...	TREATED	TREATED	RAW	RAW	RAW	TREATED	TREATED	DISTRBN
DATE.....	01/29/71	03/30/73	02/28/73	08/12/74	03/19/75	08/12/74	03/19/75	09/29/71
ALUMINUM UG/L	21	14	16	26	600	13	10	18
ARSENIC UG/L	0	0	0	< 1	1	1	1	0
BARIUM UG/L	9.0	29	350	420	5000	260	60	9.0
BERYLLIUM UG/L	< 2.0	< 4.0	< 10	< 6.0	< 3.0	< 4.0	< .60	< .90
BICARBONATE MG/L	332	333	343	324	344	203	135	159
BISMUTH UG/L	< 8.0	< 10	< 30	< 21	< 9.0	< 13	< 2.0	< 5.0
BORON UG/L	100	59	< 30	21	160	24	37	4.0
CADMIUM UG/L	0	0	0	0	0	0	3	0
CALCIUM MG/L	11	40	170	140	150	84	23	41
CARBONATE MG/L	0	0	0	0	0	0	0	0
CHLORIDE MG/L	56	24	680	580	790	300	140	5.9
CHROMIUM UG/L	< 8	< 1	< 30	< 11	< 9	< 7	< 4	< 5
COBALT UG/L	< 8.0	< 1.0	< 30	< 16	< 9.0	< 10	< 2.0	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--
COPPER UG/L	6.0	< 3.0	8.0	< 6.0	230	< 4.0	100	18
CYANIDE MG/L	0	.01	0	.02	.01	.01	.02	0
DISS SOLIDS SUM MG/L	545	482	1452	1250	1607	677	352	158
FLUORIDE MG/L	.50	.30	.10	.10	.30	.18	.28	.10
GALLIUM UG/L	< 5.0	< 5.0	< 14	< 8.0	< 5.0	< 5.0	< 1.0	< 2.0
GERMANIUM UG/L	< 10	< 10	< 30	< 24	< 9.0	< 15	< 2.0	< 5.0
HARDNESS TOTAL MG/L	48	174	647	543	609	313	91	144
HARDNESS NONCARB MG/L	0	0	365	277	327	146	0	13
IRON UG/L	29	14	600	450	9000	370	210	140
LEAD UG/L	< 5.0	< 10	< 30	< 21	< 50	< 13	100	11
LITHIUM UG/L	20	--	< 10	33	15	21	5.0	< 10
MAGNESIUM MG/L	5.0	18	54	47	57	25	8.2	10
MANGANESE UG/L	< 5.0	< 7.0	170	140	2500	130	53	< 4.0
MBAS MG/L	.02	.01	.06	.12	.10	.02	0	.01
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	.60
MOLYBDENUM UG/L	11	10	< 14	< 6.0	< 3.0	< 4.0	< .60	< 2.0
NICKEL UG/L	< 10	< 10	< 30	< 10	< 5.0	< 7.0	2.0	< 5.0
NITRATE AS N MG/L	0	.05	0	.01	0	.05	.01	.30
NITRITE AS N MG/L	.01	--	--	0	0	.01	0	--
NITROGEN NH4 AS N MG/L	.41	.75	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	--	.26	.23	.15	.24	.07	.02	.18
PH UNITS	7.6	7.5	7.9	7.2	7.1	7.4	6.9	7.9
PHENOLS UG/L	0	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.01	.00	.00	.01	.01	.03	.11	.01
POTASSIUM MG/L	5.1	7.1	3.9	3.2	3.6	1.4	.60	.60
RUBIDIUM UG/L	2.0	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	0	0	1	0	0	5
SILICA MG/L	7.3	7.7	8.0	7.5	7.5	3.0	7.6	7.2
SILVER UG/L	< .50	< 1.0	< 3.0	< 3.0	< 1.0	< 2.0	< .30	< .50
SODIUM MG/L	190	110	380	270	370	150	99	3.7
SPECIFIC COND UMHOS	848	770	2670	2950	3000	1430	580	286
STRONTIUM UG/L	140	550	800	920	10000	520	150	150
SULFATE MG/L	106	110	67	63	59	13	7.0	11
TIN UG/L	< 8.0	< 10	< 30	< 16	< 10	< 10	3.0	< 5.0
TITANIUM UG/L	2.0	< 10	< 30	< 11	< 7.0	< 7.0	< 2.0	< 5.0
VANADIUM UG/L	< 5.0	< 10	< 30	< 11	< 9.0	< 7.0	< 2.0	< 2.0
ZINC UG/L	< 500	< 660	110	50	90	40	30	< 200
ZIRCONIUM UG/L	< 25	< 21	< 66	< 26	< 15	< 16	< 4.0	< 10

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NASSAU COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	404613073383200	ALBERTSON WD-WELLS
B	405930073345400	BAYVILLE(V)-WELLS
C	404336073280600	BETHPAGE WD-WELLS
D	404500073392700	BOWLING GREEN WD-WELLS
E	404525073362600	CARLE PLACE WD-WELL N6315
F	404525073362601	CARLE PLACE WD-WELL N6315
G	404637073441100	CITIZENS WATER SUPPLY CO-WELL #21A
H	404243073315800	EAST MEADOW WD-WELL NS321
I	404243073315801	EAST MEADOW WD-WELL NS321

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	DISTRBN	RAW	TREATED	RAW	RAW	TREATED
DATE.....	07/11/72	07/11/72	08/09/72	09/25/73	04/01/74	04/01/74	08/25/71	04/01/74	04/01/74
ALUMINUM UG/L	8.0	60	62	2.0	60	70	4.0	15	10
ARSENIC UG/L	1	1	0	0	< 1	0	0	1	0
BARIUM UG/L	< 6.0	6.0	< 3.0	20	5.0	5.0	27	1.0	2.0
BERYLLIUM UG/L	< .50	< .50	< .50	< .50	< .30	< .30	< .70	< .20	< .10
BICARBONATE MG/L	16	31	32	29	13	13	79	2	2
BISMUTH UG/L	< 3.0	< 3.0	< 3.0	< 2.0	< 2.0	< 2.0	< 4.0	< .60	< .50
BORON UG/L	7.0	6.0	3.0	12	13	15	13	5.0	6.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	6.0	3.0	10	4.2	6.0	6.0	25	.70	.80
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	7.0	4.5	4.2	8.6	7.3	7.4	11	4.7	4.5
CHROMIUM UG/L	< 2	2	< 3	< 1	< 1	< 1	< 4	< 1	0
COBALT UG/L	< 2.0	< 1.0	1.0	< 2.0	< 2.0	< 2.0	< 2.0	.50	.60
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	140	91	44	60	120	16	1.0	100	60
CYANIDE MG/L	0	0	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	52	46	43	61	51	53	153	17	17
FLUORIDE MG/L	.10	.10	.20	.30	.10	.00	.10	0	.10
GALLIUM UG/L	< 2.0	< 1.0	< 2.0	< .80	< .60	< .70	< .70	< .20	< .20
GERMANIUM UG/L	< 3.0	< 3.0	< 3.0	< 2.0	< 2.0	< 2.0	< 4.0	< .40	< .50
HARDNESS TOTAL MG/L	26	12	27	19	26	26	100	3	3
HARDNESS NONCARB MG/L	13	0	1	0	15	15	43	1	1
IRON UG/L	42	38	150	16	33	15	23	320	300
LEAD UG/L	< 2.0	5.0	< 2.0	< 2.0	4.0	< 2.0	< 3.0	9.0	35
LITHIUM UG/L	< 10	< 10	< 10	0	0	0	< 10	0	0
MAGNESIUM MG/L	2.6	1.1	.60	2.0	2.6	2.6	11	.20	.20
MANGANESE UG/L	1.0	2.0	5.0	4.0	< 1.0	< 1.0	< 3.0	3.0	4.0
MBAS MG/L	.03	0	.02	0	.05	.05	.04	.02	.01
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .50	< .50	< .20	< .80	< .30	< .30	< 2.0	< .20	< .40
NICKEL UG/L	2.0	3.0	6.0	2.0	< 1.0	< 1.0	< 4.0	2.0	2.0
NITRATE AS N MG/L	2.0	.50	.80	3.7	4.6	4.6	3.9	.08	.06
NITRITE AS N MG/L	--	--	--	.01	0	0	0	0	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	.08	--	--
NITROGEN NH4+ORG-N MG/L	.11	.14	.37	.04	.06	.15	0	.06	.02
PH UNITS	8.4	7.3	7.2	6.7	5.9	5.8	7.2	5.2	5.0
PHENOLS UG/L	--	--	--	--	--	--	0	--	--
PHOSPHORUS AS P MG/L	.51	.01	.63	.01	.01	.01	.02	.01	.01
POTASSIUM MG/L	.70	.50	.20	1.3	1.2	1.2	1.3	.30	.40
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	0	1	1	1	0	0	< 1	3
SILICA MG/L	12	11	6.6	8.2	12	12	19	6.4	6.0
SILVER UG/L	< .20	< .20	< .20	< .30	< .20	< .20	< .20	< .04	< .05
SODIUM MG/L	6.1	9.2	3.9	15	6.4	6.9	8.4	2.7	2.8
SPECIFIC COND UMHOS	93	69	79	115	100	108	263	24	24
STRONTIUM UG/L	27	14	19	32	28	29	84	3.0	4.0
SULFATE MG/L	6.5	.50	.50	3.0	4.6	4.6	34	1.2	1.6
TIN UG/L	< 2.0	< 1.0	< 3.0	< 2.0	< 2.0	< 2.0	< 4.0	.60	< .50
TITANIUM UG/L	< 2.0	1.0	2.0	< 1.0	3.0	4.0	< 2.0	.90	.40
VANADIUM UG/L	< .50	< .50	< .50	< .80	< 1.0	< 1.0	< 4.0	< .20	< .20
ZINC UG/L	< 115	< 110	< 77	20	40	20	< 240	80	10
ZIRCONIUM UG/L	< 3.0	< 3.0	< 2.0	< 3.0	< 2.0	< 2.0	< 8.0	< .80	< .70

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NASSAU COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	404410073271000	FARMINGDALE(V)-WELLS
B	404239073403700	FRANKLIN SQUARE WD-WELLS
C	403952073342200	FREEPORT(V)-WELLS
D	403952073342201	FREEPORT(V)-WELLS
E	404406073370700	GARDEN CITY(V)-WELL N3934
F	404406073370701	GARDEN CITY(V)-WELL N3934

SYSTEM(S) ON THIS PAGE..	A	B	C	C	D	D	E	F	F
TYPE OF WATER SAMPLED...	RAW	DISTRBN	RAW	RAW	TREATED	TREATED	RAW	TREATED	TREATED
DATE.....	01/29/74	09/11/73	01/28/74	05/16/74	04/03/74	05/16/74	05/16/74	04/03/74	05/16/74
ALUMINUM UG/L	280	84	20	17	27	30	10	5.0	10
ARSENIC UG/L	< 1	< 1	2	1	1	1	< 1	0	< 1
BARIUM UG/L	10	.80	2.0	2.0	1.0	2.0	11	10	10
BERYLLIUM UG/L	< .30	< .30	< .20	< .10	< .30	< .20	< .40	< .80	< .60
BICARBONATE MG/L	0	10	0	1	13	21	3	48	58
BISMUTH UG/L	< .70	0	< .40	< .50	< .80	< .90	< 2.8	< 3.0	< 3.0
BORON UG/L	10	5.0	7.0	6.0	6.0	4.0	17	15	12
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	1.1	3.1	.20	1.5	.50	.60	7.6	8.0	6.4
CARBONATE MG/L	0	0	0	0	0	1	0	0	0
CHLORIDE MG/L	7.3	7.0	3.3	3.1	3.4	3.7	15	15	16
CHROMIUM UG/L	< 1	1	< 1	< 1	< 1	1	< 1	< 1	< 2
COBALT UG/L	1.0	< .90	2.0	3.0	1.0	1.0	2.0	2.0	2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	200	400	16	20	32	50	35	2.0	12
CYANIDE MG/L	0	0	.01	0	0	0	.01	0	.01
DISS SOLIDS SUM MG/L	27	42	17	19	25	38	71	108	109
FLUORIDE MG/L	.30	.20	.10	0	.20	.10	.20	.10	.10
GALLIUM UG/L	< .30	< .50	< .20	< .10	< .40	< .20	< .40	< 1.0	< .60
GERMANIUM UG/L	< .70	< .90	< .40	< .50	< .80	< .90	< 2.0	< 3.0	< 3.0
HARDNESS TOTAL MG/L	8	14	1	5	2	2	35	35	33
HARDNESS NONCARB MG/L	8	6	1	4	0	0	33	0	0
IRON UG/L	30	170	400	380	480	250	15	7.0	6.0
LEAD UG/L	5.0	5.0	4.0	7.0	< .80	< .90	< 2.0	< 3.0	< 3.0
LITHIUM UG/L	0	0	0	0	0	0	0	0	0
MAGNESIUM MG/L	1.3	1.5	.20	.20	.20	.20	4.0	3.6	4.2
MANGANESE UG/L	21	5.0	8.0	7.0	4.0	2.0	2.0	< 2.0	2.0
MBAS MG/L	.01	0	0	0	.01	.01	.07	.06	.06
MERCURY UG/L	< .50	.60	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .30	< .50	1.0	< .10	< .40	< .20	< .40	< 1.0	< .60
NICKEL UG/L	2.0	2.0	4.0	4.0	3.0	3.0	2.0	< 2.0	< 3.0
NITRATE AS N MG/L	2.9	.68	.01	.01	0	.01	4.4	4.6	4.3
NITRITE AS N MG/L	0	.01	0	.01	0	.01	.01	0	.01
NITROGEN NH4 AS N MG/L	0	--	0	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.11	.84	0	0	.01	0	.14	.03	0
PH UNITS	4.5	6.0	4.7	5.0	6.5	8.4	5.6	7.1	7.6
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	0	.52	.12	.01	.37	.18	0	0	.01
POTASSIUM MG/L	.70	.80	.30	.40	.30	.40	1.3	1.6	1.3
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	1	2	2	3	2	2	0	2
SILICA MG/L	7.3	9.5	5.9	7.1	6.7	6.7	8.0	8.1	8.9
SILVER UG/L	< .07	< .20	< .04	< .05	< .08	< .10	< .20	< .30	< .30
SODIUM MG/L	4.6	5.2	2.4	2.7	7.0	11	10	26	26
SPECIFIC COND UMHOS	65	62	28	28	40	56	150	197	212
STRONTIUM UG/L	14	10	3.0	3.0	2.0	4.0	35	46	38
SULFATE MG/L	1.4	8.5	4.0	3.4	0	4.0	18	17	17
TIN UG/L	< .70	< .90	.70	< .50	< .80	< .90	< 2.0	< 3.0	< 3.0
TITANIUM UG/L	< .50	2.0	.50	.50	1.0	.60	< 1.0	< 1.0	< 2.0
VANADIUM UG/L	< .30	< .50	< .20	< .50	< .40	< .40	< 1.0	< 1.0	< 2.0
ZINC UG/L	40	70	110	40	40	40	40	20	40
ZIRCONIUM UG/L	< 1.0	< 2.0	< .60	< .50	< 2.0	< .90	< 2.0	< 5.0	< 3.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NASSAU COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	404502073402400	GARDEN CITY PARK WD-WELL #5
B	405203073375300	GLEN COVE(C)-WELLS
C	404149073373100	HEMPSTEAD(V)-WELL N8264
D	404149073373101	HEMPSTEAD(V)-WELL N8264
E	404209073383200	HEMPSTEAD GARDEN WD-WELLS
F	404521073310200	HICKSVILLE WD-WELL N6193
G	404427073414000	JAMAICA WATER SUPPLY CO-WELL #16
H	404930073382000	JERICHO WD-WELL #1
I	404930073382001	JERICHO WD-WELL #1

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	RAW	TREATED	DISTRBN	RAW	RAW	RAW	TREATED
DATE.....	08/24/71	09/12/73	04/02/74	04/02/74	09/11/73	04/05/74	08/24/71	08/24/71	08/24/71
ALUMINUM UG/L	20	60	100	220	120	24	6.0	4.0	3.0
ARSENIC UG/L	0	0	< 1	1	< 1	0	0	4	0
BARIUM UG/L	22	24	1.0	2.0	13	24	98	1.0	1.0
BERYLLIUM UG/L	< .80	--	< .20	< .30	--	< .70	< .90	< .10	< .20
BICARBONATE MG/L	24	28	3	17	20	3	33	18	33
BISMUTH UG/L	< 4.0	< 3.0	< .50	< .90	< 2.0	< 2.0	< 4.0	< .60	< .90
BORON UG/L	10	11	5.0	5.0	22	6.0	130	5.0	5.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	21	14	.60	1.5	10	7.0	36	3.0	3.0
CARBONATE MG/L	3	0	0	0	0	0	0	0	0
CHLORIDE MG/L	17	16	4.1	4.9	18	32	27	4.0	4.5
CHROMIUM UG/L	< 4	1	< 1	< 1	< 1	< 1	< 6	1	2
COBALT UG/L	< 2.0	< 3.0	2.0	2.0	4.0	3.0	< 2.0	< .30	< .40
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	41	1000	10	19	150	740	43	21	16
CYANIDE MG/L	0	0	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	149	104	20	33	106	76	101	30	43
FLUORIDE MG/L	0	.30	.40	.20	.30	.10	.10	.10	.10
GALLIUM UG/L	< .80	< 1.0	< .20	< .40	< 1.0	< 1.0	< .90	< .10	< .20
GERMANIUM UG/L	< 4.0	< 3.0	< .50	< .90	< 2.0	< 2.0	< 4.0	< .60	< .90
HARDNESS TOTAL MG/L	102	58	3	6	35	27	115	13	12
HARDNESS NONCARB MG/L	82	35	1	0	19	24	88	0	0
IRON UG/L	220	12	470	700	820	94	30	36	57
LEAD UG/L	2.0	--	2.0	2.0	< 2.0	< 2.0	< 3.0	3.0	1.0
LITHIUM UG/L	< 10	0	0	0	0	0	< 10	< 10	< 10
MAGNESIUM MG/L	12	5.7	.40	.50	2.5	2.2	6.2	1.3	1.2
MANGANESE UG/L	5.0	15	2.0	4.0	100	18	< 3.0	2.0	2.0
MBAS MG/L	.14	0	.01	.01	.02	.07	.12	.01	0
MERCURY UG/L	< .50	.60	< .50	< .50	2.7	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 1.0	< .20	< .40	< 1.0	< 1.0	< 3.0	< .30	< .40
NICKEL UG/L	3.0	4.0	3.0	5.0	10	9.0	< 4.0	2.0	2.0
NITRATE AS N MG/L	15	4.7	.02	.06	1.6	6.2	11	.10	.10
NITRITE AS N MG/L	.01	.01	0	0	.02	0	0	0	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	0	.07
NITROGEN NH4+ORG-N MG/L	.01	.05	.03	.02	.21	.02	.01	0	.17
PH UNITS	6.6	6.6	5.3	6.5	6.7	5.2	6.4	7.0	7.5
PHENOLS UG/L	0	--	--	--	--	--	0	0	0
PHOSPHORUS AS P MG/L	0	.06	1.2	.02	.56	.01	0	0	0
POTASSIUM MG/L	1.5	1.9	.60	.60	2.7	1.2	2.1	.50	.50
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	1	2	3	0	4	0	2	1
SILICA MG/L	11	15	6.0	6.1	9.8	7.2	10	7.3	7.1
SILVER UG/L	< .20	0	< .05	< .10	0	< .20	< .30	< .10	< .10
SODIUM MG/L	14	9.8	4.2	9.4	19	18	18	3.0	8.8
SPECIFIC COND UMHOS	303	192	39	59	182	177	347	39	65
STRONTIUM UG/L	120	90	2.0	4.0	65	48	360	18	23
SULFATE MG/L	46	23	.60	.50	32	.20	54	1.5	1.4
TIN UG/L	< 4.0	< 3.0	< .50	< 1.0	< 2.0	< 2.0	< 4.0	< .60	< .90
TITANIUM UG/L	< 2.0	< 2.0	3.0	5.0	< 2.0	2.0	< 2.0	< .30	< .40
VANADIUM UG/L	< 4.0	< 1.0	< .20	< .40	< 1.0	< 1.0	< 4.0	< .60	< .90
ZINC UG/L	< 250	20	40	150	10	30	< 200	< 40	< 65
ZIRCONIUM UG/L	< 8.0	< 4.0	< 1.0	< 2.0	< 3.0	< 5.0	< 9.0	< 2.0	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NASSAU COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	404805073303000	JERICHO WD-WELL #8
B	404805073303001	JERICHO #D-WELL #8
C	404338073304700	LEVITTOWN WD-WELL N3194
D	404338073304701	LEVITTOWN WD-WELL N3194
E	403532073353400	LIDO POINT LOOKOUT WD-WELL #2
F	403532073353401	LIDO POINT LOOKOUT WD-WELL #2
G	405123073350700	LOCUST VALLEY WD-WELLS
H	403537073394800	LONG BEACH(C)-WELL #16

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	H
TYPE OF WATER SAMPLED...	RAW	TREATED	RAW	TREATED	RAW	TREATED	DISTRBN	RAW	RAW
DATE.....	08/24/71	08/24/71	04/01/74	04/01/74	08/24/71	08/24/71	08/21/73	06/12/73	09/19/73
ALUMINUM UG/L	5.0	7.0	32	60	10	6.0	20	7.0	10
ARSENIC UG/L	3	0	1	< 1	0	1	0	0	< 1
BARIUM UG/L	31	32	12	12	17	18	10	50	44
BERYLLIUM UG/L	< .70	< 1.0	< .30	< .30	1.0	< .30	0	3.0	3.0
BICARBONATE MG/L	120	38	2	7	5	48	21	3	3
BISMUTH UG/L	< 4.0	< 5.0	< 2.0	< 2.0	< .40	< 1.0	< 2.0	< 1.0	< 1.0
BORON UG/L	80	81	8.0	7.0	5.0	7.0	7.0	4.0	4.0
CADMIUM UG/L	0	0	--	--	0	0	0	0	0
CALCIUM MG/L	16	16	5.5	8.5	1.0	14	10	2.0	1.0
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	36	35	9.7	10	1.1	2.8	8.1	3.5	4.7
CHROMIUM UG/L	< 4	< 5	< 1	< 1	0	< 1	< 1	< 1	0
COBALT UG/L	2.0	< 3.0	< 2.0	< 2.0	5.0	< 1.0	< 1.0	12	15
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	8.0	27	70	54	11	8.0	100	110	60
CYANIDE MG/L	0	0	0	0	0	0	0	.01	0
DISS SOLIDS SUM MG/L	229	159	41	49	36	68	73	38	42
FLUORIDE MG/L	0	0	.10	1.6	.10	.10	.10	.30	.40
GALLIUM UG/L	< .70	< 1.0	< .50	< .70	< .20	< .40	0	< .50	0
GERMANIUM UG/L	< 4.0	< 5.0	< 2.0	< 2.0	< .60	< 2.0	< 2.0	< 1.0	< 1.0
HARDNESS TOTAL MG/L	63	64	21	28	5	39	41	9	7
HARDNESS NONCARB MG/L	0	33	19	22	0	0	24	6	4
IRON UG/L	18	18	27	45	2900	55	280	> 2200	5000
LEAD UG/L	< 3.0	< 4.0	1.0	3.0	< .60	< 2.0	4.0	5.0	2.0
LITHIUM UG/L	< 10	< 10	--	--	20	20	0	30	20
MAGNESIUM MG/L	5.7	5.8	1.7	1.6	.50	1.1	4.0	.90	1.0
MANGANESE UG/L	100	95	3.0	3.0	85	25	15	120	120
MBAS MG/L	.08	.09	.07	.07	.01	.01	.01	0	.01
MERCURY UG/L	< .50	.70	--	--	< .50	< .50	< .50	1.2	< .50
MOLYBDENUM UG/L	< 2.0	< 3.0	< .30	< .30	< .30	< .70	0	.80	0
NICKEL UG/L	< 4.0	< 5.0	1.0	1.0	9.0	4.0	< 1.0	17	24
NITRATE AS N MG/L	2.9	3.0	7.3	7.1	0	0	3.1	.03	.01
NITRITE AS N MG/L	.01	.01	0	0	0	.02	.01	.01	.01
NITROGEN NH4 AS N MG/L	1.1	1.0	--	--	.05	--	--	--	.06
NITROGEN NH4+ORG-N MG/L	.63	1.2	.06	.06	.13	0	.03	1.0	.03
PH UNITS	7.7	6.7	4.9	5.7	5.9	7.6	6.5	5.1	5.0
PHENOLS UG/L	--	--	--	--	0	0	--	--	--
PHOSPHORUS AS P MG/L	0	0	.01	.01	0	0	.01	.01	.01
POTASSIUM MG/L	2.6	2.6	.70	.70	.70	.60	1.0	.90	1.0
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	--	0	0	2	0	0	1	0	0
SILICA MG/L	7.6	7.7	6.8	7.7	8.3	8.1	14	5.5	8.8
SILVER UG/L	< .20	< .30	< .20	< .20	< .04	< .07	0	< .20	< .20
SODIUM MG/L	60	30	7.9	7.9	4.1	6.1	6.5	7.9	8.0
SPECIFIC COND UMHOS	407	291	99	111	50	113	128	71	69
STRONTIUM UG/L	130	140	--	37	5.0	66	62	30	30
SULFATE MG/L	38	39	0	0	14	12	16	15	16
TIN UG/L	< 4.0	< 5.0	< 2.0	< 2.0	< .60	< 2.0	< 2.0	< 1.0	< 1.0
TITANIUM UG/L	< 2.0	< 3.0	< .60	2.0	< .40	< 1.0	< 2.0	< 1.0	0
VANADIUM UG/L	< 4.0	< 5.0	< .60	< 1.0	< .40	< 1.0	< 1.0	< .50	< .50
ZINC UG/L	< 220	< 340	33	--	35	< 70	40	20	90
ZIRCONIUM UG/L	< 7.0	< 10	< 2.0	< 2.0	< 2.0	< 4.0	< 4.0	< 2.0	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NASSAU COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	403537073304800	LONG BEACH(C)-WELL #16
B	403537073304801	LONG BEACH(C)-WELL #16
C	403253073423900	LONG ISLAND WATER CORP-WELL FIELD #5
D	403253073423901	LONG ISLAND WATER CORP-WELL FIELD #5
E	404629073435700	MANHASSET-LAKEVILLE WD-WELLS

SYSTEM(S) ON THIS PAGE..	A	A	B	B	B	B	C	D	E
TYPE OF WATER SAMPLED...	RAW	RAW	TREATED	TREATED	TREATED	TREATED	RAW	TREATED	DISTRBN
DATE.....	12/14/73	03/07/74	06/12/73	09/19/73	12/14/73	03/07/74	08/24/71	08/24/71	09/12/73
ALUMINUM UG/L	10	10	260	300	320	480	67	24	4.0
ARSENIC UG/L	1	1	0	2	1	1	2	10	1
BARIUM UG/L	45	47	31	41	36	38	16	9.0	4.0
BERYLLIUM UG/L	2.0	2.0	< .50	< 5.0	< .30	< .40	< .40	< .50	< .40
BICARBONATE MG/L	1	2	31	26	25	26	17	49	25
BISMUTH UG/L	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 3.0	< 1.0
BORON UG/L	5.0	6.0	7.0	6.0	4.0	3.0	25	22	5.0
CADMIUM UG/L	0	0	0	0	1	0	0	0	0
CALCIUM MG/L	1.5	1.2	15	13	12	12	8.0	19	4.8
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	5.1	5.0	4.0	7.0	4.7	5.1	19	21	4.1
CHROMIUM UG/L	< 1	< 1	1	< 1	< 1	< 1	< 2	< 3	0
COBALT UG/L	10	11	3.0	3.0	3.0	3.0	2.0	< 2.0	< 1.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	15	5.0	< .40	< .40	.40	< .40	1.0	6.0	290
CYANIDE MG/L	.02	.01	.01	0	.01	.01	0	0	0
DISS SOLIDS SUM MG/L	41	39	78	148	71	69	85	111	44
FLUORIDE MG/L	.20	.20	.20	.40	.30	.20	.10	.10	.20
GALLIUM UG/L	< .30	< .30	< .70	< .80	< .50	< .40	< .40	< .50	< .50
GERMANIUM UG/L	< 1.0	< .70	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 3.0	< 1.0
HARDNESS TOTAL MG/L	8	7	42	37	34	34	33	61	23
HARDNESS NONCARB MG/L	7	5	14	16	14	12	19	21	3
IRON UG/L	4000	4080	38	320	160	220	4900	81	32
LEAD UG/L	2.0	< .50	< 1.0	< 2.0	< .70	< .70	< 2.0	< 2.0	< 1.0
LITHIUM UG/L	20	20	20	20	20	20	< 10	< 10	.90
MAGNESIUM MG/L	1.0	1.0	1.0	1.2	1.1	.90	3.2	3.4	2.7
MANGANESE UG/L	100	110	58	90	63	55	180	20	2.0
MBAS MG/L	.01	.02	0	.01	0	0	.03	.02	0
MERCURY UG/L	1.7	< .50	1.0	< .50	1.6	< .50	< .50	< .50	1.2
MOLYBDENUM UG/L	< .20	< .30	< .70	< .80	< .70	< .40	< .80	< 2.0	< .50
NICKEL UG/L	20	20	4.0	8.0	6.0	5.0	4.0	< 3.0	2.0
NITRATE AS N MG/L	.01	0	.05	.02	.01	0	.10	.20	.59
NITRITE AS N MG/L	.00	0	.01	.01	0	0	0	0	.01
NITROGEN NH4 AS N MG/L	--	--	--	.05	--	--	.23	.12	--
NITROGEN NH4+ORG-N MG/L	0	.03	.05	.03	0	.04	.24	.14	.02
PH UNITS	5.2	5.2	7.7	7.4	7.6	7.2	6.4	7.8	6.5
PHENOLS UG/L	--	--	--	--	--	--	0	--	--
PHOSPHORUS AS P MG/L	.01	0	0	70	.00	0	.04	0	.04
POTASSIUM MG/L	1.2	1.1	1.1	1.0	1.3	1.1	1.5	1.9	.30
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	2	1	0	0	2	2	2	0	1
SILICA MG/L	7.2	7.6	7.3	7.3	6.6	8.0	11	9.9	10
SILVER UG/L	< .10	< .10	.80	< .30	< .20	< .20	< .10	< .10	< .20
SODIUM MG/L	8.0	5.6	8.4	9.2	8.5	8.0	12	13	4.0
SPECIFIC COND UMHOS	67	69	129	129	119	122	142	191	71
STRONTIUM UG/L	25	28	31	32	30	30	60	96	16
SULFATE MG/L	16	16	26	26	24	23	21	18	4.6
TIN UG/L	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 3.0	3.0
TITANIUM UG/L	< .50	< .50	< 1.0	< 1.0	< .70	< .70	< .80	< 2.0	< .80
VANADIUM UG/L	< .40	< .50	< .70	< .80	< .70	< .70	< 2.0	< 3.0	< .50
ZINC UG/L	70	120	0	10	20	10	< 120	< 100	10
ZIRCONIUM UG/L	< 1.0	< 1.0	< 3.0	< 3.0	< 2.0	< 2.0	< 4.0	< 5.0	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NASSAU COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	404123073285000	MASSAPEQUA WD-WELL N6443
B	404123073285001	MASSAPEQUA WD-WELL N6443
C	405353073331700	MILL NECK ESTATES ASSOCIATION-WELLS
D	404448073375300	MINEOLA(V)-WELLS
E	404058073294800	NY WATER SER CORP MERRICK DIV-DEMONTT #2 WELL
F	404045073311600	NY WATER SER CORP MERRICK DIV-OLD MILL WELL
G	404045073311601	NY WATER SER CORP MERRICK DIV-OLD MILL WELL
H	404732073352400	OLD WESTBURY(V)-WELL #3
I	405232073323500	OYSTER BAY WD-WELL #1

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	RAW	TREATED	DISTRBN	DISTRBN	DISTRBN	RAW	TREATED	DISTRBN	DISTRBN
DATE.....	04/02/74	04/02/74	09/28/73	09/11/73	08/24/71	08/24/71	08/24/71	08/24/71	08/24/71
ALUMINUM UG/L	680	50	10	4.0	150	6.0	6.0	4.0	4.0
ARSENIC UG/L	< 1	< 1	0	< 1	0	0	1	0	1
BARIUM UG/L	6.0	1.0	5.0	3.0	60	.40	< 2.0	4.0	5.0
BERYLLIUM UG/L	< .60	< .30	< .30	< .60	< .80	< .05	< .20	< .10	< .20
BICARBONATE MG/L	0	38	15	11	30	3	40	8	17
BISMUTH UG/L	< 2.0	< 2.0	< .80	< 1.0	< 3.0	< .10	< .60	< .30	< .70
BORON UG/L	5.0	8.0	5.0	6.0	160	4.0	4.0	9.0	6.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	9.1	1.0	2.5	4.0	26	.30	0	1.0	5.0
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	13	4.7	4.6	10	4.5	3.1	4.0	4.1	5.3
CHROMIUM UG/L	< 1	< 1	< 1	0	< 3	0	< 1	1	1
COBALT UG/L	5.0	1.0	< .80	< 1.0	< 3.0	.40	< .60	< .30	< .70
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	85	36	140	550	6.0	6.0	11	26	32
CYANIDE MG/L	0	0	0	.01	0	0	0	0	0
DISS SOLIDS SUM MG/L	91	49	31	63	191	17	50	20	45
FLUORIDE MG/L	.10	.10	.50	.20	.10	0	0	0	.10
GALLIUM UG/L	< .90	< .60	< .40	< .50	< .90	< .05	< .20	< .10	< .20
GERMANIUM UG/L	< 2.0	< 2.0	< .80	< 1.0	< 4.0	< .30	< 1.0	< .40	< 1.0
HARDNESS TOTAL MG/L	36	4	11	17	83	1	0	3	22
HARDNESS NONCARB MG/L	36	0	0	8	59	0	0	0	8
IRON UG/L	4100	280	90	290	52	160	140	24	300
LEAD UG/L	6.0	< 2.0	4.0	5.0	< 4.0	1.0	2.0	3.0	8.0
LITHIUM UG/L	0	0	0	0	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	2.3	.30	1.1	1.8	4.5	.10	.10	.20	2.3
MANGANESE UG/L	93	8.0	8.0	7.0	950	1.0	.60	.90	3.0
MBAS MG/L	.01	.01	0	0	4.0	.01	.01	.01	.03
MERCURY UG/L	< .50	< .50	< .50	.88	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .80	< .30	< .40	< .50	< 2.0	< .10	< .40	< .20	< .40
NICKEL UG/L	12	5.0	2.0	4.0	4.0	2.0	3.0	1.0	2.0
NITRATE AS N MG/L	0	0	.54	3.1	12	0	.10	0	1.8
NITRITE AS N MG/L	0	0	.00	.01	.01	--	.01	0	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	.13	--	.16	.05	.08
NITROGEN NH4+ORG-N MG/L	.03	.01	.04	.07	.57	.09	.14	.15	.04
PH UNITS	3.8	7.3	6.7	6.2	6.4	5.6	7.4	6.5	6.8
PHENOLS UG/L	--	--	--	--	--	0	0	--	0
PHOSPHORUS AS P MG/L	.02	.58	0	.00	0	0	0	0	0
POTASSIUM MG/L	.60	.40	.50	1.0	7.7	.40	.30	.30	.50
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	2	0	1	0	1	0	0	0	0
SILICA MG/L	9.6	5.9	9.7	8.9	9.6	6.2	6.2	6.8	12
SILVER UG/L	< .20	< .20	< .10	< .20	< .20	< .01	< .05	< .02	< .05
SODIUM MG/L	9.4	17	4.0	8.2	34	2.4	17	2.4	4.6
SPECIFIC COND UMHOS	193	84	45	75	398	36	76	36	74
STRONTIUM UG/L	86	12	9.0	11	110	1.0	4.0	3.0	25
SULFATE MG/L	40	.70	.50	1.9	78	2.8	2.9	1.0	5.2
TIN UG/L	< 2.0	< 2.0	< .80	55	< 4.0	< .30	< 1.0	37	< 1.0
TITANIUM UG/L	< 2.0	< .60	< .60	< .78	< 3.0	.30	< .70	< .30	.80
VANADIUM UG/L	< .80	< .60	< .60	< .98	< 3.0	< .20	< .70	< .30	< .70
ZINC UG/L	80	10	20	90	< 180	< 10	< 45	30	< 45
ZIRCONIUM UG/L	< 4.0	< 2.0	< 1.0	< 2.0	< .90	< .50	< 2.0	< .90	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NASSAU COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	404650073291100	PLAINVIEW WD-WELL N6076
B	404650073291101	PLAINVIEW WD-WELL N6076
C	404838073415100	PLANDOME(V)-WELLS
D	405037073412000	PORT WASHINGTON(V)-WELLS
E	403929073391900	ROCKVILLE CENTRE(V)-WELL N5104
F	403929073391901	ROCKVILLE CENTRE(V)-WELL N5104
G	404712073372300	ROSLYN WD-WELLS
H	405100073430100	SANDS POINT(V)-WELL #2
I	404957073375000	SEA CLIFF(V)-WELLS

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	RAW	TREATED	DISTRBN	DISTRBN	RAW	TREATED	DISTRBN	DISTRBN	DISTRBN
DATE.....	01/28/74	04/02/74	08/21/73	08/21/73	04/03/74	04/03/74	09/25/73	08/24/71	09/12/73
ALUMINUM UG/L	10	45	4.8	45	6.0	150	4.0	5.0	5.0
ARSENIC UG/L	< 1	0	0	0	1	0	< 1	0	0
BARIUM UG/L	26	19	22	13	< .70	1.0	4.0	40	20
BERYLLIUM UG/L	< .40	< .40	< 1.0	0	< .10	< .30	< .30	< .70	--
BICARBONATE MG/L	0	16	62	37	2	17	9	69	26
BISMUTH UG/L	< 2.0	< 2.0	< 3.0	< 2.0	< .40	< .80	< 1.0	< 3.0	< 2.0
BORON UG/L	6.0	5.0	8.0	9.0	9.0	7.0	6.0	28	40
CADMIUM UG/L	0	0	3	0	0	0	0	0	0
CALCIUM MG/L	6.0	7.8	14	11	.50	5.9	3.7	24	17
CARBONATE MG/L	0	0	0	0	0	2	0	0	0
CHLORIDE MG/L	12	8.4	7.5	8.4	3.7	3.4	5.9	16	12
CHROMIUM UG/L	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 3	1
COBALT UG/L	< 2.0	< 2.0	< 3.0	< 2.0	.70	.80	< 1.0	< 3.0	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	35	47	42	75	12	2.0	860	10	85
CYANIDE MG/L	.01	0	.02	0	0	0	0	0	.01
DISS SOLIDS SUM MG/L	63	43	112	81	19	34	35	162	102
FLUORIDE MG/L	.10	.20	.18	.21	.10	.10	.40	.10	.20
GALLIUM UG/L	< .60	< .60	< 2.0	< 1.0	< .20	< .40	< .50	< .70	< 1.0
GERMANIUM UG/L	< 2.0	< 2.0	< 3.0	< 2.0	< .40	< .80	< 1.0	< 4.0	< 2.0
HARDNESS TOTAL MG/L	23	25	71	49	2	16	16	113	64
HARDNESS NONCARB MG/L	23	12	20	19	1	0	8	57	43
IRON UG/L	18	30	88	48	110	200	34	15	500
LEAD UG/L	1.0	< 2.0	< 3.0	< 3.0	6.0	< .80	6.0	< 4.0	4.0
LITHIUM UG/L	0	0	0	0	0	0	0	< 10	0
MAGNESIUM MG/L	2.0	1.4	8.7	5.2	.30	.48	1.6	13	5.3
MANGANESE UG/L	3.8	3.0	54	2.0	2.0	4.0	2.0	< 2.0	10
MBAS MG/L	0	.04	0	.01	0	.03	.01	.06	.01
MERCURY UG/L	.50	< .50	< .50	< .50	< .50	< .50	.60	< .50	1.0
MOLYBDENUM UG/L	< .60	< .60	< 2.0	< 1.0	.10	< .40	< .50	< 2.0	< 1.0
NICKEL UG/L	< 2.0	1.0	< 3.0	< 2.0	1.0	1.0	2.0	4.0	< 2.0
NITRATE AS N MG/L	6.3	3.8	1.4	3.1	0	0	2.0	5.0	4.6
NITRITE AS N MG/L	0	0	.01	.08	0	0	0	0	.00
NITROGEN NH4 AS N MG/L	0	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.07	.04	.03	.03	0	0	.01	.03	.04
PH UNITS	5.4	6.6	6.8	6.6	6.9	9.3	6.1	7.0	6.4
PHENOLS UG/L	--	--	--	--	--	--	--	0	--
PHOSPHORUS AS P MG/L	0	.52	.01	.21	.01	.01	.01	0	.03
POTASSIUM MG/L	.60	.60	2.2	1.4	.60	.60	.70	2.2	2.5
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	2	2	2	2	0	3	0	3	1
SILICA MG/L	6.7	6.7	21	15	7.0	6.6	8.8	20	11
SILVER UG/L	< .20	< .20	0	0	< .04	< .08	< .20	< .20	0
SODIUM MG/L	8.4	6.2	6.8	6.9	3.0	3.2	5.0	10	8.2
SPECIFIC COND UMHOS	104	95	179	139	28	56	65	288	186
STRONTIUM UG/L	30	31	48	33	1.0	9.0	12	80	85
SULFATE MG/L	21	0	20	11	3.1	3.1	1.5	38	28
TIN UG/L	< 2.0	< 2.0	< 3.0	< 2.0	< .40	< .80	< 1.0	< 4.0	< 2.0
TITANIUM UG/L	< 1.0	2.0	< 3.0	< 2.0	.30	2.0	< .70	< 3.0	< 2.0
VANADIUM UG/L	< .50	< .60	< 2.0	< 1.0	< .20	< .40	< .50	< 3.0	< 1.0
ZINC UG/L	50	20	0	0	40	20	10	< 150	120
ZIRCONIUM UG/L	< 2.0	< 3.0	< 5.0	< 4.0	< .40	< 2.0	< 2.0	< 7.0	< 4.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NASSAU COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	404214073290201	SOUTH FARMINGDALE-WELL
B	404214073290200	SOUTH FARMINGDALE-WELL
C	404206073344800	UNIONDALE WD-WELL N4759
D	404206073344801	UNIONDALE WD-WELL N4759
E	404537073333500	WESTBURY WD-WELL
F	404537073333501	WESTBURY WD-WELL
G	404525073373800	WILLISTON PARK(V)-WELLS

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G
TYPE OF WATER SAMPLED...	RAW	TREATED	RAW	TREATED	RAW	TREATED	DISTRBN
DATE.....	01/29/74	01/29/74	01/28/74	04/01/74	01/29/74	01/29/74	09/11/73
ALUMINUM UG/L	21	45	90	40	14	10	3.0
ARSENIC UG/L	< 1	1	1	< 1	0	< 1	< 1
BARIUM UG/L	.70	1.0	1.0	1.0	26	24	3.0
BERYLLIUM UG/L	< .20	< .40	< .20	< .20	< .50	< .70	0
BICARBONATE MG/L	2	27	0	5	0	46	15
BISMUTH UG/L	< .50	< 1.0	< .50	< .50	< 2.0	< 3.0	< 2.0
BORON UG/L	6.0	6.0	5.0	5.0	14	12	6.0
CADMIUM UG/L	0	0	0	0	0	0	0
CALCIUM MG/L	.50	9.3	.50	2.0	6.0	6.7	7.0
CARBONATE MG/L	0	0	0	0	0	0	0
CHLORIDE MG/L	3.1	3.9	4.6	3.8	13	12	10
CHROMIUM UG/L	< 1	< 1	< 1	0	< 1	< 1	1
COBALT UG/L	1.0	< 1.0	1.0	.90	< 1.0	< 3.0	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--
COPPER UG/L	8.0	40	22	24	40	26	420
CYANIDE MG/L	.01	0	.01	0	0	.01	.01
DISS SOLIDS SUM MG/L	17	40	20	21	47	83	57
FLUORIDE MG/L	.40	.50	.20	.10	.30	.10	.20
GALLIUM UG/L	< .30	< .50	< .20	< .20	< .70	< 1.0	0
GERMANIUM UG/L	< .50	< 1.0	< .50	< .50	< 2.0	< 3.0	< 2.0
HARDNESS TOTAL MG/L	2	25	2	6	24	25	38
HARDNESS NONCARB MG/L	0	3	2	2	24	0	18
IRON UG/L	600	650	950	350	15	11	3.0
LEAD UG/L	1.0	5.0	5.0	3.0	< 2.0	< 3.0	3.0
LITHIUM UG/L	0	0	0	0	0	0	0
MAGNESIUM MG/L	.20	.40	.30	.30	2.2	1.9	3.0
MANGANESE UG/L	4.0	10	2.0	3.0	3.0	3.0	1.0
MBAS MG/L	0	0	0	.01	0	0	0
MERCURY UG/L	< .50	.60	< .50	< .50	< .50	.50	.70
MOLYBDENUM UG/L	< .30	< .50	< .20	< 2.0	< .70	< 1.0	0
NICKEL UG/L	1.0	1.0	3.0	3.0	< 1.0	< 3.0	< 2.0
NITRATE AS N MG/L	.01	.01	.01	0	6.3	7.6	4.4
NITRITE AS N MG/L	0	0	0	0	0	0	.01
NITROGEN NH4 AS N MG/L	0	0	0	--	0	0	--
NITROGEN NH4+ORG-N MG/L	.01	.05	.08	.01	.14	.07	.06
PH UNITS	5.3	6.6	4.7	6.0	5.3	7.9	6.2
PHENOLS UG/L	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	1.7	1.6	.51	.07	0	0	.00
POTASSIUM MG/L	.20	.30	.30	.40	.70	.70	.90
RUBIDIUM UG/L	--	--	--	--	--	--	--
SELENIUM UG/L	2	2	1	2	1	1	1
SILICA MG/L	5.5	6.0	6.1	6.5	6.8	6.8	12
SILVER UG/L	< .05	< .10	< .05	< .05	< .20	< .30	0
SODIUM MG/L	3.5	4.2	3.0	2.6	9.8	24	6.5
SPECIFIC COND UMHOS	29	72	33	30	114	173	102
STRONTIUM UG/L	3.0	25	3.0	4.0	47	44	25
SULFATE MG/L	.60	.30	4.6	2.3	.60	.70	5.5
TIN UG/L	< .50	< 1.0	.50	.50	< 2.0	< 3.0	< 2.0
TITANIUM UG/L	.80	2.0	3.0	2.0	< 1.0	< 2.0	< 1.0
VANADIUM UG/L	< .30	< .50	< .20	< .20	< .70	< 1.0	< .70
ZINC UG/L	0	20	20	20	30	0	20
ZIRCONIUM UG/L	< .80	< 2.0	< 7.0	< 1.0	< 2.0	< 4.0	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NEW YORK CITY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	404227073452000	JAMAICA WATER SUPPLY COMPANY-WELLS
B	404133073490100	JAMAICA WATER SUPPLY COMPANY-WELLS
C	413349073573000	NEW YORK CITY(C)CHELSEA-HUDSON RIVER

SYSTEM(S) ON THIS PAGE	A	B	C	C	C	C	C	C	C
TYPE OF WATER SAMPLED	DISTRBN	DISTRBN	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE	02/28/75	02/28/75	05/22/74	06/05/74	06/18/74	07/02/74	07/16/74	07/29/74	08/14/74
ALUMINUM UG/L	10	2.0	2000	1300	480	890	470	500	560
ARSENIC UG/L	0	0	2	< 1	2	1	2	1	3
BARIUM UG/L	25	50	38	30	57	37	38	38	40
BERYLLIUM UG/L	< .30	< .50	< .60	< .70	< .90	< .80	< .90	< .70	< .70
BICARBONATE MG/L	54	170	54	50	54	59	67	72	83
BISMUTH UG/L	< .70	< 2.0	< 3.0	< 2.0	< 3.0	< 2.0	< 3.0	< 2.0	< 3.0
BORON UG/L	24	30	12	15	24	14	20	16	17
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	19	55	19	17	18	20	24	27	28
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	22	65	8.3	6.7	7.8	9.2	13	18	12
CHROMIUM UG/L	< 1	< 3	10	7	13	5	4	2	< 2
COBALT UG/L	< 1.0	< 3.0	< 3.0	< 2.0	< 3.0	< 2.0	< 3.0	< 2.0	< 3.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	130	31	20	30	74	26	20	15	20
CYANIDE MG/L	.01	.02	0	.01	0	0	0	0	0
DISS SOLIDS SUM MG/L	151	340	85	76	80	89	108	123	118
FLUORIDE MG/L	1.1	.90	.20	.10	.20	.10	.20	.20	.10
GALLIUM UG/L	< .30	< .50	< .60	< .50	< .40	< 1.0	< 2.0	< 2.0	< 2.0
GERMANIUM UG/L	< 1.0	< 3.0	< 3.0	< 2.0	< 3.0	< 3.0	< 3.0	< 4.0	< 4.0
HARDNESS TOTAL MG/L	93	240	64	57	61	67	79	86	89
HARDNESS NONCARB MG/L	48	101	20	16	17	18	24	27	21
IRON UG/L	54	60	2000	1600	2800	960	540	550	500
LEAD UG/L	2.0	< 3.0	8.0	7.0	22	6.0	4.0	4.0	8.0
LITHIUM UG/L	< 2.0	2.0	2.0	2.0	4.0	2.0	2.0	2.0	2.0
MAGNESIUM MG/L	11	25	4.0	3.6	4.0	4.1	4.7	4.5	4.6
MANGANESE UG/L	4.0	140	120	84	160	70	46	45	46
MBAS MG/L	.10	.10	.01	.04	.03	.05	.06	.04	.04
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .40	< .80	< .60	< 1.0	< 1.0	< .60	< .40	< 1.0	.90
NICKEL UG/L	1.0	2.0	5.0	5.0	10	4.0	3.0	3.0	3.0
NITRATE AS N MG/L	5.9	3.2	.62	.63	.57	.57	.64	.60	.79
NITRITE AS N MG/L	0	0	.01	.02	.01	0	.01	.01	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.10	.06	.39	.49	.41	.27	.51	.25	.41
PH UNITS	6.3	7.0	7.4	7.1	7.4	7.4	7.5	7.5	7.5
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.02	.03	.09	.08	.10	.08	.11	.07	.09
POTASSIUM MG/L	1.7	2.4	1.1	.90	1.0	1.1	1.2	1.2	2.2
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	0	0	3	0	3	1	1	0
SILICA MG/L	14	23	3.8	3.6	1.2	.18	.30	.20	.20
SILVER UG/L	< .10	< .30	< .30	< .20	< .30	< .30	< .30	< .40	< .40
SODIUM MG/L	13	20	5.5	4.8	5.2	6.5	9.1	12	8.2
SPECIFIC COND UMHOS	300	650	175	144	150	150	207	222	215
STRONTIUM UG/L	84	110	93	90	120	120	150	190	180
SULFATE MG/L	32	82	16	14	15	18	22	24	21
TIN UG/L	< 1.0	< 3.0	< 3.0	< 2.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
TITANIUM UG/L	< .70	< 2.0	180	64	240	50	25	20	60
VANADIUM UG/L	< 1.0	< 2.0	4.0	3.0	8.0	3.0	2.0	2.0	3.0
ZINC UG/L	10	10	40	30	240	10	60	0	100
ZIRCONIUM UG/L	< 2.0	< 4.0	4.0	< 4.0	5.0	< 4.0	< 4.0	< 4.0	< 4.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NEW YORK CITY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	413349073573000	NEW YORK CITY(C)CHELSEA-HUDSON RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	08/29/74	09/09/74	09/25/74	10/10/74	10/22/74	11/06/74	11/18/74	12/05/74	12/17/74
ALUMINUM UG/L	460	350	260	370	280	750	870	890	2000
ARSENIC UG/L	1	1	1	1	1	1	1	0	2
BARIUM UG/L	39	100	36	34	32	30	50	33	40
BERYLLIUM UG/L	< .30	< .20	< .30	.60	< .20	< .20	< .40	< .20	< .30
BICARBONATE MG/L	73	78	70	74	78	77	76	68	88
BISMUTH UG/L	< 1.0	< .60	< .90	< 1.0	< 1.0	< 1.0	< 2.0	< .90	< 1.0
BORON UG/L	10	40	13	16	18	20	30	20	20
CADMIUM UG/L	0	1	1	1	0	0	0	0	0
CALCIUM MG/L	25	27	25	27	28	26	28	23	21
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	11	12	14	27	13	12	13	9.0	8.9
CHROMIUM UG/L	3	2	2	3	< 1	5	6	3	5
COBALT UG/L	< 1.0	< .60	< 1.0	< .50	< .70	< 1.0	< 1.0	< .90	2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	14	15	14	11	13	13	20	10	14
CYANIDE MG/L	0	.01	.01	0	0	.01	.01	0	.01
DISS SOLIDS SUM MG/L	107	112	115	128	120	113	118	103	97
FLUORIDE MG/L	.10	.20	0	.20	.20	.20	.20	.20	.20
GALLIUM UG/L	< .20	< .30	< .30	< .50	< .30	< .50	< .50	< .40	.50
GERMANIUM UG/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< .90	< 1.0
HARDNESS TOTAL MG/L	83	86	85	91	92	86	86	78	71
HARDNESS NONCARB MG/L	23	22	27	31	28	22	23	22	15
IRON UG/L	560	370	300	480	490	900	1100	1100	1700
LEAD UG/L	6.0	5.0	3.0	4.0	4.0	10	10	10	10
LITHIUM UG/L	1.0	1.0	2.0	2.0	2.0	2.0	3.0	2.0	3.0
MAGNESIUM MG/L	5.0	4.4	5.4	5.8	5.4	5.0	3.8	5.0	4.5
MANGANESE UG/L	48	33	31	42	42	58	85	65	82
MBAS MG/L	.05	.03	.04	.03	.04	.04	.05	0	0
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	2.2	< .50	< .50	< .50
MOLYBDENUM UG/L	1.0	1.0	1.0	1.0	.70	1.0	2.0	.50	.60
NICKEL UG/L	4.0	3.0	3.0	2.0	3.0	3.0	5.0	3.0	5.0
NITRATE AS N MG/L	.66	.52	.59	.59	.56	.52	.56	.56	.53
NITRITE AS N MG/L	0	0	0	0	0	.01	0	.02	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.20	.31	.19	.31	.32	.35	.37	.50	.53
PH UNITS	7.7	7.6	7.5	7.3	7.5	7.5	7.7	7.2	7.4
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.07	.09	.06	.06	.05	.06	.04	.07	.09
POTASSIUM MG/L	1.6	1.4	1.6	1.3	1.5	1.1	1.6	1.5	.80
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	< 2	4	2	2	0	0	0	0
SILICA MG/L	.40	.50	1.0	.30	.40	.20	.30	4.4	4.8
SILVER UG/L	< .10	< .10	< .10	< .10	< .10	< .10	< .20	< .09	.10
SODIUM MG/L	7.5	8.5	10	9.0	8.9	8.0	9.8	6.5	6.2
SPECIFIC COND UMHOS	195	210	230	245	220	235	250	229	215
STRONTIUM UG/L	160	150	140	170	170	150	230	120	120
SULFATE MG/L	20	19	23	20	24	22	23	19	17
TIN UG/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< .90	< 1.0
TITANIUM UG/L	25	10	15	15	8.0	33	35	50	90
VANADIUM UG/L	3.0	2.0	2.0	2.0	1.0	3.0	3.0	1.0	4.0
ZINC UG/L	0	10	0	0	20	30	20	20	30
ZIRCONIUM UG/L	< 1.0	3.0	< 2.0	< 2.0	< 2.0	< 2.0	< 3.0	2.0	3.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NEW YORK CITY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	413349073573000	NEW YORK CITY(C)CHELSEA-HUDSON RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	01/02/75	01/14/75	01/28/75	02/11/75	02/24/75	03/10/75	03/26/75	04/09/75	04/24/75
ALUMINUM UG/L	1500	650	2800	1100	1200	3400	1600	2400	1900
ARSENIC UG/L	1	1	0	2	0	1	1	1	1
BARIUM UG/L	31	25	57	32	32	53	34	38	32
BERYLLIUM UG/L	< .60	< .60	< .70	< .20	< .20	< .30	< .20	< .40	< .30
BICARBONATE MG/L	59	72	74	66	70	62	65	58	61
BISMUTH UG/L	< 3.0	< 3.0	< 4.0	< .70	< .60	< 1.0	< 1.0	< 1.0	< 1.0
BORON UG/L	16	16	20	22	14	27	20	20	15
CADMIUM UG/L	0	0	0	1	1	0	0	0	0
CALCIUM MG/L	21	25	23	23	22	21	21	20	22
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	11	10	13	12	12	12	13	9.1	12
CHROMIUM UG/L	5	3	9	< 1	5	8	4	4	4
COBALT UG/L	< 3.0	< 3.0	< 4.0	.40	1.0	2.0	2.0	< .60	.70
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	8.0	9.0	11	12	10	15	10	8.0	10
CYANIDE MG/L	.01	0	0	.01	.01	.01	0	.01	0
DISS SOLIDS SUM MG/L	97	109	116	106	106	96	102	89	99
FLUORIDE MG/L	.20	.20	.30	.20	.10	.30	.30	.10	.10
GALLIUM UG/L	< .80	< 2.0	< 2.0	< .20	.40	.50	< .50	< .40	.50
GERMANIUM UG/L	< 3.0	< 3.0	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
HARDNESS TOTAL MG/L	70	83	78	79	74	68	68	70	73
HARDNESS NONCARB MG/L	22	24	18	25	17	18	14	23	23
IRON UG/L	1600	660	2200	1200	1000	4000	1300	2000	1800
LEAD UG/L	7.0	17	7.0	6.0	5.0	10	7.0	4.0	5.0
LITHIUM UG/L	2.0	2.0	3.0	2.0	2.0	4.0	2.0	2.0	2.0
MAGNESIUM MG/L	4.3	5.0	5.1	5.2	4.7	3.9	3.7	4.9	4.4
MANGANESE UG/L	60	40	100	56	54	120	60	70	75
MBAS MG/L	0	0	0	0	0	0	0	0	0
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .80	< 2.0	< 2.0	.40	< .30	< .30	< .50	< .40	< .30
NICKEL UG/L	3.0	3.0	6.0	4.0	3.0	8.0	4.0	5.0	5.0
NITRATE AS N MG/L	.56	.62	.64	.71	.67	.63	.60	.58	.21
NITRITE AS N MG/L	0	.01	.01	.01	.01	.02	.02	.01	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.38	.37	.40	.48	.46	.52	.43	.93	.46
PH UNITS	7.1	7.3	7.6	7.5	7.5	7.6	7.5	7.5	7.6
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.08	.06	.10	.07	.08	.17	.09	.07	.10
POTASSIUM MG/L	1.0	1.0	1.4	1.3	1.3	1.5	1.0	1.0	1.1
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	2	0	0	0	1	1	0	0
SILICA MG/L	4.9	5.1	5.0	5.0	4.9	4.4	5.0	4.5	4.5
SILVER UG/L	< .30	< .30	< .40	< .10	< .10	< .10	< .10	< .10	< .20
SODIUM MG/L	6.0	7.8	8.6	7.7	8.3	6.1	7.1	5.6	6.4
SPECIFIC COND UMHOS	200	220	223	209	214	185	190	176	193
STRONTIUM UG/L	94	110	120	120	150	120	120	100	80
SULFATE MG/L	19	19	22	18	18	15	18	15	18
TIN UG/L	< 3.0	< 3.0	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TITANIUM UG/L	110	37	180	80	65	> 140	80	110	110
VANADIUM UG/L	4.0	< 3.0	5.0	3.0	3.0	5.0	3.0	4.0	3.0
ZINC UG/L	40	0	20	20	20	20	20	10	10
ZIRCONIUM UG/L	< 4.0	< 3.0	< 4.0	2.0	2.0	7.0	2.0	3.0	5.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NEW YORK CITY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	413349073573000	NEW YORK CITY(C)CHELSEA-HUDSON RIVER
B	404656073575400	NEW YORK CITY(C)-ASHOKEN RESERVOIR

SYSTEM(S) ON THIS PAGE..	A	B	B	B	B	B	B	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	05/07/75	11/10/70	05/22/74	06/05/74	06/19/74	07/01/74	07/17/74	07/29/74	08/13/74
ALUMINUM UG/L	1400	9.0	34	17	28	40	30	35	50
ARSENIC UG/L	1	0	0	< 1	0	< 1	0	0	0
BARIUM UG/L	28	12	13	9.0	12	14	14	12	11
BERYLLIUM UG/L	< .20	< .06	< .20	< .20	< .20	< .30	< .20	< .20	< .30
BICARBONATE MG/L	49	12	8	11	11	10	10	9	8
BISMUTH UG/L	< .60	< .60	< .60	< .50	< .60	< .60	< .50	< .50	< 1.0
BORON UG/L	10	8.0	5.0	5.0	7.0	5.0	5.0	4.0	4.0
CADMIUM UG/L	0	0	0	0	< 1	0	0	0	0
CALCIUM MG/L	18	6.2	5.6	4.4	14	4.9	5.5	6.2	5.0
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	5.2	3.0	2.7	2.6	2.8	2.5	2.5	2.7	2.9
CHROMIUM UG/L	4	< 1	< 1	0	< 1	< 1	< 1	< 1	< 1
COBALT UG/L	< .30	< .70	< .60	< .50	< .60	--	< .40	< .30	< .70
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	10	2.0	1.0	.70	1.0	1.0	1.0	.70	1.0
CYANIDE MG/L	0	0	0	.01	0	0	.01	0	0
DISS SOLIDS SUM MG/L	72	28	24	26	34	25	24	26	25
FLUORIDE MG/L	.10	.10	.10	.10	0	0	.10	0	.10
GALLIUM UG/L	< .30	ND	< .20	< .20	< .20	< .30	< .30	< .30	< .40
GERMANIUM UG/L	< .80	< .70	< .60	< .50	< .60	< .80	< .80	< .70	< 1.0
HARDNESS TOTAL MG/L	56	20	18	25	40	17	18	20	17
HARDNESS NONCARB MG/L	16	10	12	16	31	9	10	13	11
IRON UG/L	1300	20	45	30	42	60	54	60	65
LEAD UG/L	5.0	1.0	1.0	< .30	.40	< .60	1.0	.60	< 1.0
LITHIUM UG/L	2.0	.20	.20	.20	.20	.30	.20	.20	.20
MAGNESIUM MG/L	2.7	1.0	1.0	3.4	1.3	1.1	1.1	1.1	1.2
MANGANESE UG/L	70	23	20	20	19	20	40	50	57
MBAS MG/L	0	.01	.04	.02	.01	.03	.03	0	.01
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	.30	< .10	< .20	< .30	< .30	< .20	< .30	< .20	< .30
NICKEL UG/L	3.0	1.0	.40	< .40	.50	1.0	.70	.70	< .50
NITRATE AS N MG/L	.51	.20	.15	.12	.12	.12	.13	.10	.14
NITRITE AS N MG/L	.02	0	.02	.01	.01	0	0	.02	0
NITROGEN NH4 AS N MG/L	--	.04	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.27	--	.10	.15	.14	.11	.17	.13	.15
PH UNITS	7.4	6.7	7.0	7.2	7.2	7.1	7.0	6.8	6.9
PHENOLS UG/L	--	0	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.04	.02	.01	.01	.01	.01	.01	.01	.01
POTASSIUM MG/L	.80	.30	.40	.40	.40	.50	.40	.20	.50
RUBIDIUM UG/L	--	.30	--	--	--	--	--	--	--
SELENIUM UG/L	0	5	0	3	1	1	< 1	< 1	0
SILICA MG/L	9.3	1.3	.60	.60	.40	.40	.40	.50	.50
SILVER UG/L	< .10	< .09	< .06	< .05	< .06	< .10	< .10	< .10	< .10
SODIUM MG/L	9.1	1.5	1.9	1.7	1.7	2.0	2.1	2.3	1.8
SPECIFIC COND UMHOS	144	53	58	152	47	50	55	52	53
STRONTIUM UG/L	84	22	18	15	20	26	30	22	15
SULFATE MG/L	12	8.0	7.2	7.0	7.7	8.3	8.7	8.4	8.5
TIN UG/L	< .60	< .70	< .60	< .50	< .60	< .80	< .70	< .60	< .70
TITANIUM UG/L	85	2.0	.90	.80	2.0	2.0	< .70	1.0	58
VANADIUM UG/L	2.0	< .70	< .30	2.0	< .20	< .30	< .40	< .30	< .50
ZINC UG/L	20	< 45	50	10	1.0	0	20	0	0
ZIRCONIUM UG/L	4.0	ND	< .60	< .40	< .90	< 1.0	< 2.0	< .70	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NEW YORK CITY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	404656073575400	NEW YORK CITY(C)-ASHOKEN RESERVOIR

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	08/28/74	09/11/74	09/30/74	10/08/74	10/23/74	11/07/74	11/19/74	12/05/74	12/18/74
ALUMINUM UG/L	50	60	120	34	50	22	40	68	100
ARSENIC UG/L	< 1	0	< 1	1	1	1	0	0	1
BARIUM UG/L	15	14	17	13	13	11	15	15	15
BERYLLIUM UG/L	< .10	< .05	< .10	< .06	< .05	< .04	< .06	< .06	< .06
BICARBONATE MG/L	0	13	16	12	13	15	11	12	17
BISMUTH UG/L	< .30	< .20	< .30	< .30	< .30	< .20	< .30	< 1.0	< .30
BORON UG/L	5.0	5.0	5.0	3.0	4.0	5.0	5.0	2.0	4.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	4.3	5.1	6.0	6.0	5.5	5.5	5.9	5.2	5.4
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	2.5	2.5	2.6	2.5	2.5	2.7	2.9	3.0	2.5
CHROMIUM UG/L	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1	< 1
COBALT UG/L	< .30	< .30	< .30	.30	< .20	< .20	< .20	< 1.0	< .30
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	1.0	1.0	2.0	1.0	3.0	.50	.80	1.0	2.0
CYANIDE MG/L	0	0	0	.01	0	.01	0	0	.01
DISS SOLIDS SUM MG/L	23	26	30	27	27	29	28	28	29
FLUORIDE MG/L	.10	.20	.10	.10	.10	.10	0	.10	.10
GALLIUM UG/L	< .05	< .07	< .10	< .10	< .05	< .10	< .08	< .30	< .10
GERMANIUM UG/L	< .30	< .30	< .30	< .30	< .30	< .20	< .30	< 1.0	< .30
HARDNESS TOTAL MG/L	16	17	21	18	19	18	20	18	19
HARDNESS NONCARB MG/L	10	7	8	8	8	6	11	8	5
IRON UG/L	150	170	150	200	170	54	85	83	140
LEAD UG/L	1.0	.50	1.0	1.0	.90	1.0	.90	< 1.0	2.0
LITHIUM UG/L	.20	.30	.20	.20	< .20	.20	< .20	.20	.20
MAGNESIUM MG/L	1.3	1.0	1.4	.70	1.2	1.0	1.2	1.1	1.3
MANGANESE UG/L	100	190	65	100	85	26	25	16	19
MBAS MG/L	.01	.01	.01	0	.01	.02	.01	0	0
MERCURY UG/L	< .50	< .50	< .50	5.4	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .08	.10	< .06	< .20	.05	< .04	< .10	< .30	< .10
NICKEL UG/L	2.0	1.0	.80	.50	1.0	.30	1.0	< 1.0	.60
NITRATE AS N MG/L	.14	.12	.15	.05	.05	.13	.10	.15	.13
NITRITE AS N MG/L	0	0	0	0	0	0	0	.01	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.10	.09	.14	.14	.15	.16	.19	.15	.17
PH UNITS	7.1	7.3	7.3	6.8	6.9	7.9	7.0	6.9	7.1
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.01	.01	.01	.02	.01	.01	0	.01	.01
POTASSIUM MG/L	.60	.50	.40	.40	.30	.30	.50	.60	.40
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	< 2	3	4	< 2	< 2	0	0	0	0
SILICA MG/L	.80	1.1	2.1	.60	.90	1.2	1.2	1.2	1.8
SILVER UG/L	< .03	< .03	< .03	< .03	< .03	< .02	< .03	< .10	< .03
SODIUM MG/L	1.9	2.0	2.5	1.9	2.0	3.0	2.4	2.0	2.0
SPECIFIC COND UMHOS	52	48	63	58	61	57	71	56	59
STRONTIUM UG/L	23	26	22	19	19	20	26	29	21
SULFATE MG/L	7.7	6.8	6.4	9.0	7.8	7.8	8.4	8.5	7.4
TIN UG/L	< .30	< .30	< .30	< .30	< 3.0	< .20	< .30	< 1.0	< .30
TITANIUM UG/L	2.0	2.0	5.0	.40	2.0	.70	2.0	< 1.0	4.0
VANADIUM UG/L	.30	2.0	.30	.20	.20	< .20	< .20	< 1.0	.20
ZINC UG/L	2.0	70	10	10	0	10	10	0	0
ZIRCONIUM UG/L	< .30	.50	< .40	< .40	< .40	< .30	< .40	< 1.0	< .40

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NEW YORK CITY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	404658073575400	NEW YORK CITY(C)-ASHOKEN RESERVOIR

SYSTEM(S) ON THIS PAGE	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE	12/30/74	01/14/75	01/29/75	02/13/75	02/24/75	03/10/75	03/27/75	04/10/75	04/23/75
ALUMINUM UG/L	220	270	240	210	140	130	330	220	110
ARSENIC UG/L	1	1	0	2	0	0	0	0	2
BARIUM UG/L	16	17	16	15	12	13	16	14	12
BERYLLIUM UG/L	< .20	< .20	< .20	< .06	< .04	< .05	< .10	< .10	< .05
BICARBONATE MG/L	14	13	16	12	14	17	16	18	9
BISMUTH UG/L	< .70	< .70	< .70	< .20	< .20	< .20	< .30	< .30	< .20
BORON UG/L	5.0	6.0	7.0	7.0	6.0	5.0	5.0	7.0	5.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	5.0	5.7	5.2	5.0	5.6	5.3	5.2	5.2	4.8
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	2.8	1.6	2.7	3.3	2.4	2.8	4.1	3.4	3.8
CHROMIUM UG/L	< 1	< 1	< 1	< 1	< 1	< 1	0	0	< 1
COBALT UG/L	< .70	< .70	< .70	< .20	< .20	< .20	.40	< .20	< .10
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	.70	2.0	1.0	1.0	1.0	2.0	1.0	.70	1.0
CYANIDE MG/L	.01	0	0	.01	.01	0	0	.01	0
DISS SOLIDS SUM MG/L	29	27	31	27	28	29	30	26	27
FLUORIDE MG/L	.10	.40	.20	.10	.10	.20	.20	.10	0
GALLIUM UG/L	< .30	< .30	< .30	< .06	< .04	< .08	< .20	< .10	< .10
GERMANIUM UG/L	< .80	< .70	< .70	< .30	< .20	< .30	< .30	< .30	< .20
HARDNESS TOTAL MG/L	20	19	18	17	19	18	16	18	17
HARDNESS NONCARB MG/L	8	9	4	7	7	4	3	9	9
IRON UG/L	200	240	200	180	120	130	300	200	90
LEAD UG/L	1.0	1.0	< .70	.50	.40	.70	1.0	.50	.50
LITHIUM UG/L	< 10	.40	.30	.40	.30	.30	.50	.30	.30
MAGNESIUM MG/L	1.2	1.2	1.1	1.1	1.1	1.1	.80	1.1	1.1
MANGANESE UG/L	13	20	18	16	13	16	33	22	20
MBAS MG/L	0	0	0	0	0	0	0	0	0
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .30	< .40	< .30	< .06	< .06	< .05	< .10	< .10	< .07
NICKEL UG/L	.40	1.0	.50	.70	.30	.50	1.0	.50	.40
NITRATE AS N MG/L	.15	.18	.17	.16	.15	.16	.20	.20	.78
NITRITE AS N MG/L	.03	0	.01	0	.01	0	.01	.01	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.19	.23	.18	.14	.14	.11	.05	0	.08
PH UNITS	7.0	6.9	7.2	7.5	7.3	7.3	7.1	7.5	7.5
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.01	.02	.01	.01	.01	.01	.02	.01	.01
POTASSIUM MG/L	.30	.40	.50	.40	.50	.30	.30	.30	.30
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	2	0	1	0	1	0	0	0
SILICA MG/L	1.6	2.2	1.9	1.8	1.7	2.0	2.5	2.1	1.8
SILVER UG/L	< .07	< .07	< .10	< .03	< .02	< .03	< .03	< .03	< .03
SODIUM MG/L	2.0	1.7	2.1	2.4	2.3	1.4	1.8	2.1	2.1
SPECIFIC COND UMHOS	54	62	55	55	54	54	53	54	54
STRONTIUM UG/L	21	21	18	25	22	21	20	18	18
SULFATE MG/L	7.7	7.6	9.6	6.8	6.8	7.0	6.7	6.2	8.0
TIN UG/L	< .70	< .70	< .70	< .30	< .20	< .20	< .30	< .30	< .20
TITANIUM UG/L	7.0	9.0	8.0	4.0	3.0	4.0	12	6.0	4.0
VANADIUM UG/L	.40	.60	.40	.40	.30	.30	.50	.30	.20
ZINC UG/L	20	0	10	0	20	0	10	10	10
ZIRCONIUM UG/L	< 1.0	< .80	< .70	< .40	< .30	< .40	.40	< .40	< .40

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NEW YORK CITY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	404658073575400	NEW YORK CITY(C)-ASHOKEN RESERVOIR
B	404658073575401	NEW YORK CITY(C)-ASHOKEN RESERVOIR

SYSTEM(S) ON THIS PAGE..	A	B	B	B	B	B	B	B	B
TYPE OF WATER SAMPLED...	RAW	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN
DATE.....	05/08/75	05/16/73	05/30/73	06/13/73	06/27/73	07/11/73	07/25/73	08/08/73	08/22/73
ALUMINUM UG/L	120	18	8.0	12	10	13	13	15	10
ARSENIC UG/L	1	0	0	10	10	20	0	0	0
BARIUM UG/L	13	18	18	21	19	22	19	21	22
BERYLLIUM UG/L	< .05	< .70	< .70	< .70	< .80	< .80	< .40	< .80	0
BICARBONATE MG/L	13	40	39	42	42	42	43	44	46
BISMUTH UG/L	< .20	< 3.0	< 2.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
BORON UG/L	6.0	6.0	8.0	9.0	13	11	10	12	13
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	6.4	17	16	16	16	16	16	16	16
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	2.8	18	20	20	18	18	19	19	17
CHROMIUM UG/L	< 1	< 1	1	< 1	< 1	< 1	< 1.0	< 1	< 2
COBALT UG/L	< .10	< .70	< .80	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	1.0	220	410	440	370	500	390	450	320
CYANIDE MG/L	.01	.02	.01	0	.01	.03	.03	.01	.01
DISS SOLIDS SUM MG/L	27	95	94	92	90	90	94	91	92
FLUORIDE MG/L	.10	1.1	.90	.90	.90	1.0	.90	.10	.90
GALLIUM UG/L	< .10	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0
GERMANIUM UG/L	< .30	< 3.0	< 2.0	< 3.0	< 3.0	.10	< 3.0	< 3.0	< 3.0
HARDNESS TOTAL MG/L	20	63	61	61	61	61	61	62	61
HARDNESS NONCARB MG/L	9	30	29	27	27	26	26	26	24
IRON UG/L	130	48	56	61	110	130	120	100	150
LEAD UG/L	1.0	4.0	< 1.0	< 2.0	3.0	< 3.0	< 1.0	< 2.0	< 3.0
LITHIUM UG/L	.20	0	--	0	0	0	0	0	0
MAGNESIUM MG/L	.90	5.0	5.2	5.2	5.2	5.0	5.1	5.3	5.2
MANGANESE UG/L	20	24	58	67	64	84	75	100	120
MBAS MG/L	.10	.03	.03	.04	.05	.02	.06	.09	.09
MERCURY UG/L	< .50	< .50	--	3.4	3.8	2.0	17	< .50	< .50
MOLYBDENUM UG/L	< .07	< 1.0	< 1.0	< 1.0	.90	.70	< 1.0	< 1.0	< 1.0
NICKEL UG/L	.50	3.0	3.0	3.0	3.0	2.0	3.0	3.0	4.0
NITRATE AS N MG/L	.16	.01	.19	.11	.15	.20	.31	.22	.12
NITRITE AS N MG/L	.01	.01	.01	.01	.00	.00	.00	.01	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	.01	--	--
NITROGEN NH4+ORG-N MG/L	.13	.43	.59	.35	.38	.46	.33	.17	.11
PH UNITS	7.5	7.2	6.8	7.2	6.9	7.1	7.0	7.0	6.9
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.01	.02	.02	.03	.04	.03	.03	.03	.02
POTASSIUM MG/L	.40	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.7
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	1	1	0	3	2	0	2	2
SILICA MG/L	1.7	4.9	4.8	4.5	4.5	4.4	4.4	3.9	4.1
SILVER UG/L	< .03	< .30	< .30	< 4.0	< .30	< .38	< .30	< .30	0
SODIUM MG/L	2.0	8.4	8.3	8.1	8.4	8.3	8.2	8.4	7.9
SPECIFIC COND UMHOS	52	173	173	172	175	170	174	172	173
STRONTIUM UG/L	16	38	45	38	35	47	38	46	52
SULFATE MG/L	6.2	19	18	15	15	15	17	15	16
TIN UG/L	< .20	< 3.0	< 2.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
TITANIUM UG/L	5.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
VANADIUM UG/L	.20	< .70	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
ZINC UG/L	0	0	3.0	0	10	10	< 4.0	20	10
ZIRCONIUM UG/L	< .50	< 5.0	< 4.0	< 4.0	< 4.0	< 4.0	--	< 4.0	< 5.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NEW YORK CITY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	404658073575401	NEW YORK CITY(C)-ASHOKEN RESERVOIR

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN
DATE.....	09/05/73	09/19/73	10/03/73	10/17/73	10/31/73	11/14/73	11/28/73	12/12/73	12/26/73
ALUMINUM UG/L	10	10	10	7.0	12	17	20	22	27
ARSENIC UG/L	0	< 1	< 1	< 1	< 1	1	1	1	1
BARIUM UG/L	22	24	23	24	26	27	23	24	24
BERYLLIUM UG/L	0	< .80	0	< .60	< .50	< .50	< .80	< .50	< .60
BICARBONATE MG/L	48	48	49	48	46	50	51	49	46
BISMUTH UG/L	< 2.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
BORON UG/L	12	14	17	13	14	14	13	13	13
CADMIUM UG/L	0	0	0	2	0	0	0	0	0
CALCIUM MG/L	17	16	16	15	16	16	16	15	16
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	17	17	17	17	17	18	17	17	17
CHROMIUM UG/L	1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2
COBALT UG/L	< 2.0	< 2.0	< 3.0	< 2.0	< 3.0	< 1.0	< 3.0	< 2.0	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	470	480	500	480	240	180	120	100	100
CYANIDE MG/L	0	0	.01	0	.01	.01	.01	.02	0
DISS SOLIDS SUM MG/L	93	94	93	90	93	94	93	93	91
FLUORIDE MG/L	.90	1.0	1.0	1.0	.90	.90	1.0	1.0	1.0
GALLIUM UG/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< .80	< .80
GERMANIUM UG/L	< 2.0	< 2.0	< 3.0	< 2.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
HARDNESS TOTAL MG/L	64	64	63	60	63	63	64	61	63
HARDNESS NONCARB MG/L	25	24	23	21	25	22	22	21	26
IRON UG/L	120	94	120	100	95	100	90	74	81
LEAD UG/L	< 2.0	< 2.0	< 3.0	< 3.0	< 3.0	2.0	< 3.0	< 2.0	< 2.0
LITHIUM UG/L	0	0	0	0	0	0	0	0	0
MAGNESIUM MG/L	5.3	5.8	5.7	5.5	5.6	5.6	5.8	5.7	5.7
MANGANESE UG/L	150	180	210	220	200	150	120	100	100
MBAS MG/L	.07	.07	.03	0	0	.01	.02	.02	.03
MERCURY UG/L	.80	< .50	.80	.90	.90	1.1	1.4	1.4	1.6
MOLYBDENUM UG/L	< 1.0	< 1.0	< 1.0	< .80	< 1.0	< .50	< 1.0	< 2.0	< 2.0
NICKEL UG/L	3.0	3.0	4.0	3.0	< 3.0	1.0	2.0	< 3.0	< 3.0
NITRATE AS N MG/L	.13	.07	.04	.17	.02	.06	.01	.07	.15
NITRITE AS N MG/L	.01	.01	.00	.00	.00	.01	.00	.00	.00
NITROGEN NH4 AS N MG/L	--	.13	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.20	.33	.40	.28	.12	.21	.25	.15	.14
PH UNITS	6.9	7.3	7.0	7.0	7.2	7.2	7.1	7.5	7.4
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.02	.03	.08	.03	.03	.03	.03	.03	.02
POTASSIUM MG/L	1.8	1.5	1.7	1.7	1.8	1.9	1.8	2.0	2.0
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	--	0	0	2	0	0	1	2	2
SILICA MG/L	4.3	4.4	4.1	4.1	3.3	3.2	3.1	2.9	2.8
SILVER UG/L	0	< .40	0	< .40	< .40	< .30	< .30	< .30	< .30
SODIUM MG/L	7.9	8.3	7.5	8.0	8.5	8.5	8.5	11	8.5
SPECIFIC COND UMHOS	174	177	177	177	177	179	178	176	177
STRONTIUM UG/L	53	50	52	60	67	60	50	56	56
SULFATE MG/L	15	16	16	14	17	15	15	14	15
TIN UG/L	< 2.0	< 2.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
TITANIUM UG/L	< 2.0	< 2.0	< 2.0	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0
VANADIUM UG/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 2.0
ZINC UG/L	20	90	10	20	10	120	70	20	30
ZIRCONIUM UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 1.0	< 3.0	< 3.0	< 3.0	< 3.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NEW YORK CITY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	404656073575401	NEW YORK CITY(C)-ASHOKEN RESERVOIR

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN
DATE.....	01/10/74	01/23/74	02/06/74	02/20/74	03/05/74	03/20/74	04/04/74	04/17/74	05/02/74
ALUMINUM UG/L	70	74	73	120	80	45	30	34	31
ARSENIC UG/L	1	1	1	1	< 1	< 1	0	1	< 1
BARIUM UG/L	27	26	25	27	22	24	25	27	28
BERYLLIUM UG/L	< .60	< .50	< .50	< .60	< .50	< .50	< .80	< .60	< .50
BICARBONATE MG/L	47	43	40	43	41	42	39	43	41
BISMUTH UG/L	< 2.0	< 2.0	< 2.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
BORON UG/L	17	18	14	15	12	26	14	9.0	16
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	16	16	14	15	15	15	15	15	17
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	17	18	17	19	19	20	19	20	21
CHROMIUM UG/L	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
COBALT UG/L	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 2.0	< 3.0	< 3.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	84	78	88	130	100	100	84	140	470
CYANIDE MG/L	.01	.01	0	0	.01	.01	0	.01	0
DISS SOLIDS SUM MG/L	92	92	88	92	93	95	92	94	98
FLUORIDE MG/L	.90	.90	.90	.90	.80	.90	.80	.70	.60
GALLIUM UG/L	< .60	< .50	< .50	< 1.0	< 1.0	< 1.0	< 1.0	< .80	< .80
GERMANIUM UG/L	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
HARDNESS TOTAL MG/L	63	62	57	58	58	58	59	60	64
HARDNESS NONCARB MG/L	24	27	24	23	24	24	27	24	31
IRON UG/L	130	160	140	240	110	85	80	70	68
LEAD UG/L	< 2.0	2.0	< 2.0	3.0	< 2.0	< 3.0	< 3.0	< 2.0	< 2.0
LITHIUM UG/L	0	0	0	0	0	0	0	0	0
MAGNESIUM MG/L	5.5	5.4	5.3	5.0	5.0	5.0	5.3	5.4	5.3
MANGANESE UG/L	60	55	50	80	42	45	37	38	44
MBAS MG/L	0	0	.01	.02	.03	.03	.03	.02	.02
MERCURY UG/L	1.0	1.4	< .50	< .50	< .50	2.0	< .50	< .50	< .50
MOLYBDENUM UG/L	< .60	< .50	< .50	< 1.0	< 1.0	< .50	< 1.0	< .80	< .80
NICKEL UG/L	< 2.0	< 2.0	< 2.0	3.0	< 2.0	< 2.0	< 2.0	1.0	2.0
NITRATE AS N MG/L	.22	.31	.29	.38	.42	.35	.39	.29	.29
NITRITE AS N MG/L	0	0	0	.01	0	0	0	0	.01
NITROGEN NH4 AS N MG/L	--	.02	0	.03	.05	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.24	.38	.81	.22	.10	.19	.20	.30	.18
PH UNITS	7.1	6.9	7.1	7.1	7.1	7.1	7.3	7.3	7.2
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.02	.02	.02	.03	.03	.02	.03	.02	.02
POTASSIUM MG/L	1.6	1.6	2.0	1.9	1.8	2.4	2.0	1.8	1.5
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	2	1	1	< 1	1	2	2	0	0
SILICA MG/L	2.8	3.3	3.5	3.7	4.0	4.7	4.8	4.1	4.3
SILVER UG/L	< .30	< .30	< .30	< .30	< .30	< .30	< .30	< .30	< .30
SODIUM MG/L	7.5	7.5	8.6	8.1	8.4	9.0	8.5	8.5	9.0
SPECIFIC COND UMHOS	184	182	181	186	185	190	181	175	185
STRONTIUM UG/L	68	54	63	63	65	54	60	69	61
SULFATE MG/L	17	18	17	17	18	17	17	17	19
TIN UG/L	< 2.0	< 2.0	< 2.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
TITANIUM UG/L	3.0	4.0	3.0	8.0	2.0	1.0	< 1.0	2.0	1.0
VANADIUM UG/L	< 2.0	< 2.0	< 2.0	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
ZINC UG/L	40	30	30	10	10	10	20	10	20
ZIRCONIUM UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 3.0	< 5.0	< 4.0	< 4.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NEW YORK CITY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	405330073510280	NEW YORK CITY(C)-BRONX SHAFT 3A
B	405443073524700	NEW YORK CITY(C)-BRONX VAN CORTLANDT PARK

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	B
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN
DATE.....	07/12/71	10/18/71	01/18/72	04/11/72	07/10/72	10/17/72	01/09/73	04/16/73	07/12/71
ALUMINUM UG/L	17	15	52	44	49	59	71	79	21
ARSENIC UG/L	0	0	0	1	0	0	0	0	0
BARIUM UG/L	26	14	22	17	46	27	29	32	23
BERYLLIUM UG/L	< .20	< .30	< .10	< .30	< .40	< .30	< .20	< .20	< .20
BICARBONATE MG/L	14	15	10	10	9	11	10	10	10
BISMUTH UG/L	< .40	< .60	< .70	< .60	< 2.0	< 2.0	< .70	< .60	< .40
BORON UG/L	4.0	3.0	4.0	2.0	4.0	4.0	5.0	4.0	4.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	6.0	6.0	5.9	5.9	5.8	6.3	5.6	6.1	6.5
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	5.8	5.0	4.9	6.0	6.1	4.5	4.5	4.2	5.3
CHROMIUM UG/L	< 1	< 1	1	< 2	< 1	< 2	14	1	< 1
COBALT UG/L	< .40	< .60	< .70	< .60	< .70	< .70	< .70	< .70	< .40
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	42	11	13	17	26	21	10	31	71
CYANIDE MG/L	0	0	0	0	0	0	.02	.01	0
DISS SOLIDS SUM MG/L	36	35	35	35	36	32	33	33	34
FLUORIDE MG/L	0	.10	1.0	.40	1.0	.90	.90	.90	.90
GALLIUM UG/L	< .40	< .60	< .30	< .60	< .70	< .70	< .30	< .40	< .40
GERMANIUM UG/L	< .80	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< .70	< .70	< .70
HARDNESS TOTAL MG/L	21	20	22	20	20	21	19	20	24
HARDNESS NONCARB MG/L	9	8	14	12	13	12	11	12	16
IRON UG/L	34	37	88	52	120	59	78	78	35
LEAD UG/L	.90	< .60	< .70	1.0	1.0	2.0	1.0	< .70	.70
LITHIUM UG/L	.50	< 10	< 10	< 10	< 10	< 10	< 10	--	.50
MAGNESIUM MG/L	1.4	1.3	1.7	1.4	1.4	1.3	1.3	1.2	1.9
MANGANESE UG/L	65	33	22	32	49	48	49	45	64
MBAS MG/L	.02	.01	.02	.01	.03	.01	.01	.02	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	--	< .50	< .50	< .50
MOLYBDENUM UG/L	< .20	< .10	< .30	< .30	< .40	< .30	< .30	< .20	< .20
NICKEL UG/L	1.0	.60	.90	1.0	1.0	1.0	1.0	1.0	1.0
NITRATE AS N MG/L	.30	.20	.30	.30	.30	.30	.30	.30	.30
NITRITE AS N MG/L	.01	--	--	--	--	--	--	--	.01
NITROGEN NH4 AS N MG/L	.44	--	--	--	--	--	--	--	.07
NITROGEN NH4+ORG-N MG/L	.17	.32	.31	.19	.25	.20	.29	.05	.13
PH UNITS	7.2	7.0	6.5	6.5	6.6	7.0	6.9	6.8	6.7
PHENOLS UG/L	--	--	6.0	0	--	--	--	--	0
PHOSPHORUS AS P MG/L	.01	.01	.08	.04	.02	.03	.01	.03	.08
POTASSIUM MG/L	.60	.70	.70	.60	.60	.40	.40	.50	.30
RUBIDIUM UG/L	.40	--	--	--	--	--	--	--	.30
SELENIUM UG/L	2	1	2	5	0	2	5	1	0
SILICA MG/L	1.1	1.3	2.9	2.3	1.7	1.8	2.1	2.4	1.7
SILVER UG/L	< .08	< .10	< .10	.40	< .20	< .20	< .07	< .07	< .07
SODIUM MG/L	3.6	3.8	2.4	2.4	3.7	3.4	3.0	3.1	3.1
SPECIFIC COND UMHOS	67	66	62	64	68	60	59	59	67
STRONTIUM UG/L	23	23	38	19	28	23	20	20	21
SULFATE MG/L	10	9.1	10	10	11	8.0	9.5	9.3	8.7
TIN UG/L	< .80	< .60	< 2.0	< .60	< .70	< 2.0	< .70	< .70	< .70
TITANIUM UG/L	.60	.50	3.0	2.0	4.0	3.0	15	3.0	.70
VANADIUM UG/L	< .40	< .30	< .30	< .60	< .40	< .70	< .70	< .70	< .40
ZINC UG/L	< 35	< 26	< 69	< 29	< 76	< 45	< 43	--	< 31
ZIRCONIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NEW YORK CITY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	405443073524700	NEW YORK CITY(C)-BRONX VAN CORTLANDT PARK
B	420346075222900	NEW YORK CITY(C)-CANNONSVILLE RESERVOIR

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	B	B
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	RAW	RAW
DATE.....	10/10/71	01/10/72	04/11/72	07/10/72	10/17/72	01/09/73	04/16/73	12/07/70	02/01/71
ALUMINUM UG/L	22	54	54	77	39	70	72	15	--
ARSENIC UG/L	0	0	1	0	0	0	0	10	0
BARIUM UG/L	19	25	23	42	26	28	32	18	--
BERYLLIUM UG/L	< .30	< .20	< .30	< .30	< .30	< .20	< .20	< .10	--
BICARBONATE MG/L	11	9	8	9	10	10	10	28	23
BISMUTH UG/L	< .60	< .80	< .70	< 2.0	< 2.0	< .60	< .60	< 5.0	--
BORON UG/L	3.0	6.0	3.0	4.0	4.0	6.0	5.0	4.0	--
CADMIUM UG/L	0	0	0	0	0	0	0	0	--
CALCIUM MG/L	5.0	6.0	6.1	5.4	6.5	6.5	6.4	9.5	8.0
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	4.6	5.0	5.9	5.6	4.9	4.8	4.7	4.7	3.2
CHROMIUM UG/L	< 1	1	< 2	< 1	< 2	< 1	< 1	< 1	--
COBALT UG/L	< .60	< .80	< .70	< .70	< .60	< .60	< .70	< 5.0	--
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	27	34	37	64	41	18	35	.60	--
CYANIDE MG/L	0	0	0	0	.01	0	.01	0	0
DISS SOLIDS SUM MG/L	33	34	34	35	32	34	33	49	42
FLUORIDE MG/L	.80	1.1	1.0	1.0	.90	.90	.80	.10	0
GALLIUM UG/L	< .60	< .40	< .70	< .70	< .60	< .30	< .40	ND	--
GERMANIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< .60	< .70	< .50	--
HARDNESS TOTAL MG/L	17	21	21	19	21	22	21	34	27
HARDNESS NONCARB MG/L	6	14	14	12	13	13	13	11	9
IRON UG/L	51	85	58	120	58	67	76	44	--
LEAD UG/L	< .60	.90	1.0	1.0	1.0	.80	< .70	.60	--
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	--	.20	--
MAGNESIUM MG/L	1.2	1.5	1.4	1.4	1.2	1.3	1.2	2.4	1.8
MANGANESE UG/L	43	37	29	54	43	48	42	53	--
MBAS MG/L	.01	.01	.01	.02	.02	.01	.01	.02	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .10	< .40	< .30	< .30	.20	< .30	< .20	< .20	--
NICKEL UG/L	.70	2.0	1.0	1.0	2.0	1.0	< 1.0	2.0	--
NITRATE AS N MG/L	.30	.30	.30	.20	.30	.30	.20	.80	.45
NITRITE AS N MG/L	--	--	--	--	--	--	--	0	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	0	.24
NITROGEN NH4+ORG-N MG/L	.22	.27	.20	.63	.21	.02	.29	--	--
PH UNITS	6.7	6.5	6.6	6.6	6.6	6.9	6.7	7.2	6.9
PHENOLS UG/L	2.0	0	1.0	--	--	--	--	2.0	0
PHOSPHORUS AS P MG/L	.03	.07	.06	.03	.02	.01	.02	.06	.02
POTASSIUM MG/L	1.7	.60	.60	.60	.40	.40	.50	.98	1.0
RUBIDIUM UG/L	--	--	--	--	--	--	--	.60	--
SELENIUM UG/L	2	2	2	2	2	0	2	2	2
SILICA MG/L	1.6	2.8	2.5	1.6	1.8	2.1	2.4	1.7	2.5
SILVER UG/L	< .10	< .20	< .30	< .20	< .20	< .06	< .07	< .05	--
SODIUM MG/L	3.3	2.3	2.6	3.4	3.2	3.0	3.3	3.4	2.9
SPECIFIC COND UMHOS	64	62	64	67	59	60	59	89	83
STRONTIUM UG/L	31	29	22	27	20	17	20	40	--
SULFATE MG/L	8.7	10	10	11	8.2	9.5	9.0	12	11
TIN UG/L	< .60	< 2.0	< .70	< .70	< 2.0	< .60	< .70	< 1.0	--
TITANIUM UG/L	.70	2.0	4.0	5.0	2.0	2.0	2.0	.60	--
VANADIUM UG/L	< .30	.40	< .70	< .30	< .60	< .60	< .70	< .70	--
ZINC UG/L	< 31	< 78	< 32	< 71	< 42	< 41	--	< 45	--
ZIRCONIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	ND	--

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NEW YORK CITY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	405244073532400	NEW YORK CITY(C)-GROTON GATE HOUSE #7
B	411332073513201	NEW YORK CITY(C)-NEW CROTON RESERVOIR

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	B
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	RAW
DATE.....	07/12/71	10/18/71	01/18/72	04/11/72	07/10/72	10/16/72	01/09/73	04/16/73	12/14/70
ALUMINUM UG/L	18	54	30	61	59	110	70	70	7.0
ARSENIC UG/L	0	2	4	4	2	10	0	0	0
BARIUM UG/L	30	27	28	23	29	24	20	21	23
BERYLLIUM UG/L	< .50	< 2.0	< .60	< 2.0	< 2.0	< 1.0	< .70	< .50	< .40
BICARBONATE MG/L	46	50	54	45	45	52	46	42	110
BISMUTH UG/L	< 1.0	< 3.0	< 3.0	< 3.0	< 5.0	< 5.0	< 3.0	< 2.0	< 2.0
BORON UG/L	13	14	24	11	15	12	15	12	14
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	18	19	19	18	14	20	19	18	36
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	16	17	19	21	16	16	16	16	25
CHROMIUM UG/L	< 3	< 3	< 3	< 6	< 3	< 5	< 3	< 2	< 2
COBALT UG/L	< 1.6	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 2.0	< 3.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	280	190	190	63	3000	80	64	130	2.0
CYANIDE MG/L	0	0	0	0	0	0	.01	.02	0
DISS SOLIDS SUM MG/L	98	99	110	103	99	102	101	95	168
FLUORIDE MG/L	0	1.1	1.1	1.0	1.0	1.0	.90	.90	0
GALLIUM UG/L	< 1.0	< 3.0	< 2.0	< 3.0	< 3.0	< 3.0	< 1.0	< 1.0	ND
GERMANIUM UG/L	< 3.0	< 6.0	< 6.0	< 6.0	< 5.0	< 5.0	< 3.0	< 2.0	< 3.0
HARDNESS TOTAL MG/L	66	68	75	68	68	73	70	66	125
HARDNESS NONCARB MG/L	29	27	30	32	31	30	33	31	28
IRON UG/L	76	140	200	120	190	200	130	110	23
LEAD UG/L	4.0	< 3.0	< 3.0	< 3.0	< 3.0	5.0	< 3.0	< 2.0	< 2.0
LITHIUM UG/L	.50	< 10	< 10	< 10	< 10	< 10	< 10	--	.90
MAGNESIUM MG/L	5.2	5.1	6.6	5.7	5.5	5.6	5.6	5.0	8.5
MANGANESE UG/L	310	280	48	46	70	270	31	30	480
MBAS MG/L	.04	.02	.03	.03	.03	.02	.03	.03	.09
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .50	< .50	< 2.0	< 2.0	< 2.0	< 1.0	< 1.0	< .50	.90
NICKEL UG/L	3.0	3.0	5.0	< 2.0	41	3.0	< 3.0	2.0	< 2.0
NITRATE AS N MG/L	.40	.30	.30	.20	.40	.20	.40	.30	.30
NITRITE AS N MG/L	.01	--	--	--	--	--	--	--	0
NITROGEN NH4 AS N MG/L	.06	--	--	--	--	--	--	--	.09
NITROGEN NH4+ORG-N MG/L	.21	.52	.22	.26	.89	.42	.14	.43	--
PH UNITS	7.4	7.0	7.1	6.7	7.0	7.6	7.4	7.3	7.8
PHENOLS UG/L	0	1.0	0	0	--	--	--	--	3.0
PHOSPHORUS AS P MG/L	.03	.03	.00	.06	.04	.05	.02	.05	.05
POTASSIUM MG/L	1.5	2.0	1.9	1.6	1.5	1.6	1.5	1.5	2.2
RUBIDIUM UG/L	1.0	--	--	--	--	--	--	--	1.0
SELENIUM UG/L	2	1	4	0	0	1	10	2	2
SILICA MG/L	3.6	4.0	6.5	5.1	5.3	4.5	6.2	5.1	11
SILVER UG/L	< .38	< .38	< .80	< 2.0	< .50	< .50	< .30	< .20	< .20
SODIUM MG/L	8.5	7.9	9.0	9.2	8.3	8.4	8.7	8.6	9.0
SPECIFIC COND UMHOS	190	190	198	190	186	178	185	174	299
STRONTIUM UG/L	55	77	68	47	61	54	46	50	84
SULFATE MG/L	20	18	20	19	21	19	20	19	18
TIN UG/L	< 3.0	< 3.0	< 6.0	< 3.0	< 3.0	< 5.0	< 3.0	< 2.0	< 3.0
TITANIUM UG/L	2.0	3.0	1.0	3.0	< 3.0	5.0	3.0	3.0	< 2.0
VANADIUM UG/L	< 1.0	< 2.0	< 2.0	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0	< 3.0
ZINC UG/L	< 99	< 110	< 270	< 120	420	< 150	< 140	--	< 170
ZIRCONIUM UG/L	< 5.0	< 6.0	< 6.0	< 6.0	< 5.0	< 5.0	< 5.0	< 3.0	ND

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NEW YORK CITY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	414759074215700	NEW YORK CITY(C)-RONDOUT RESERVOIR

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	05/18/72	05/31/72	06/13/72	07/11/72	07/24/72	08/10/72	08/21/72	09/05/72	09/19/72
ALUMINUM UG/L	230	290	48	54	100	49	41	260	30
ARSENIC UG/L	1	3	0	0	4	1	0	1	0
BARIUM UG/L	120	150	50	40	45	42	40	54	40
BERYLLIUM UG/L	< .30	< .20	< .30	< .10	< .10	< .20	< .20	< .20	< .20
BICARBONATE MG/L	9	9	10	8	7	9	10	9	9
BISMUTH UG/L	< 2.0	< .60	< .50	< .40	< .50	< 2.0	< .50	< .60	< 1.0
BORON UG/L	13	3.0	5.0	3.0	3.0	3.0	3.0	3.0	4.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	5.5	5.2	5.0	4.7	4.1	4.4	5.3	4.9	5.0
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	3.0	2.8	3.0	2.6	1.1	2.5	2.7	2.6	2.8
CHROMIUM UG/L	2	< 1	< 2	< 1	< 1	< 2	< 1	< 1	< 1
COBALT UG/L	< 2.0	< .60	< .50	< .40	< .50	< .50	< .40	< .60	< .50
COLIFORM COL/100 ML	6	300	16	34	74	120	570	280	180
COPPER UG/L	25	7.0	5.0	4.0	6.0	6.0	4.0	10	4.0
CYANIDE MG/L	0	0	0	.01	0	.01	0	.01	0
DISS SOLIDS SUM MG/L	27	29	26	25	23	25	28	25	25
FLUORIDE MG/L	0	0	.10	0	0	0	0	0	.10
GALLIUM UG/L	< 2.0	< .30	< .50	< .20	< .20	< .50	< .20	< .30	< .50
GERMANIUM UG/L	< 3.0	< 1.0	< 2.0	< .40	< .50	< 2.0	< .50	< .60	< 1.0
HARDNESS TOTAL MG/L	19	18	17	16	14	16	18	17	17
HARDNESS NONCARB MG/L	11	11	9	10	9	8	10	10	10
IRON UG/L	210	270	56	44	93	50	74	300	33
LEAD UG/L	5.0	2.0	.60	.60	.90	.80	.80	2.0	.60
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	1.2	1.2	1.2	1.1	1.0	1.1	1.2	1.2	1.1
MANGANESE UG/L	190	270	52	28	83	43	87	200	45
MBAS MG/L	0	.01	.02	.01	.01	.01	.01	.06	.04
MERCURY UG/L	< .50	< .50	1.0	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< .30	< .30	< .20	< .20	< .10	.60	< 3.0	< .30
NICKEL UG/L	6.0	< .60	1.0	1.0	1.0	1.0	1.0	3.0	1.0
NITRATE AS N MG/L	.50	.40	.30	.30	.30	.30	.30	.30	.30
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	1.4	.37	.10	.26	.39	.33	.31	.27	.35
PH UNITS	6.8	6.7	6.6	6.5	6.6	6.7	7.0	6.7	6.8
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.08	.02	.01	.02	.01	.01	.01	.02	.02
POTASSIUM MG/L	.70	.60	.60	.50	.50	.50	.60	.50	.40
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	2	0	0	0	0	0	1	0
SILICA MG/L	.38	.80	1.1	1.3	1.4	1.2	1.5	1.5	1.4
SILVER UG/L	< .30	< .05	< .10	< .05	< .05	< .10	< .04	< .06	< .10
SODIUM MG/L	1.8	1.6	1.7	1.5	1.5	1.5	1.6	1.4	1.4
SPECIFIC COND UMHOS	52	54	51	48	46	48	50	50	52
STRONTIUM UG/L	55	24	24	19	22	21	17	16	18
SULFATE MG/L	9.9	12	8.5	9.2	9.5	9.1	9.5	8.5	8.5
TIN UG/L	< 3.0	< .60	< .50	< .40	< .50	< 2.0	< .50	< .60	< 1.0
TITANIUM UG/L	24	12	1.0	2.0	4.0	3.0	1.0	15	.80
VANADIUM UG/L	< .60	.60	< .30	< .30	< .30	< .20	< .40	.50	< .50
ZINC UG/L	130	73	64	< 30	60	47	70	94	< 50
ZIRCONIUM UG/L	< 3.0	2.0	< 2.0	< 1.0	< 1.0	< .50	< 1.0	.60	< 1.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NEW YORK CITY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	414759074215700	NEW YORK CITY(C)-RONDOUT RESERVOIR

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	10/02/72	10/16/72	10/31/72	11/13/72	11/27/72	12/11/72	12/26/72	01/08/73	01/22/73
ALUMINUM UG/L	390	50	24	50	63	57	52	82	30
ARSENIC UG/L	0	0	0	0	0	0	10	0	0
BARIUM UG/L	51	42	38	40	35	40	33	49	40
BERYLLIUM UG/L	< .30	< .30	< .20	< .20	< .20	< .20	< .20	< .20	< .10
BICARBONATE MG/L	9	9	10	8	9	8	9	8	8
BISMUTH UG/L	< .70	< 1.0	< .60	< .50	< .50	< .50	< .50	< .50	< .50
BORON UG/L	4.0	5.0	4.0	3.0	4.0	5.0	2.0	2.0	4.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	5.3	4.8	6.1	5.0	5.0	4.1	5.5	6.0	7.1
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	2.4	2.6	2.5	2.0	2.3	2.5	2.4	4.8	2.2
CHROMIUM UG/L	< 7	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
COBALT UG/L	.40	< .50	< .60	.60	< .50	< .50	< .50	< .50	< .50
COLIFORM COL/100 ML	270	65	K 49	K 110	K 36	K 20	K 10	K 2	K 2
COPPER UG/L	13	5.0	5.0	7.0	3.0	2.0	3.0	2.0	4.0
CYANIDE MG/L	0	0	0	0	0	.01	0	.01	.01
DISS SOLIDS SUM MG/L	25	25	26	24	26	25	26	29	27
FLUORIDE MG/L	.10	.10	.10	.10	.10	.10	.10	.10	.10
GALLIUM UG/L	< 3.0	< .50	< .30	.30	< .20	< .30	< .30	< .20	< .20
GERMANIUM UG/L	< .70	< 1.0	< .60	< .50	< .50	< .50	< .50	< .50	< .40
HARDNESS TOTAL MG/L	18	17	20	17	17	15	18	20	22
HARDNESS NONCARB MG/L	10	9	12	10	10	8	11	13	16
IRON UG/L	610	74	51	57	68	70	56	75	38
LEAD UG/L	3.0	1.0	.50	2.0	1.0	.70	.80	.70	1.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
MANGANESE UG/L	730	110	100	99	100	110	89	81	63
MBAS MG/L	.01	.02	.04	.02	.01	.01	.01	0	.01
MERCURY UG/L	< .53	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .40	6.0	< .30	< .30	< .20	< .30	< .30	< .20	< .20
NICKEL UG/L	5.0	1.0	1.0	.80	.70	2.0	1.0	2.0	3.0
NITRATE AS N MG/L	.40	.40	.30	.40	.30	.30	.30	.30	.40
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.72	.28	.20	.20	.24	.17	.28	.09	.19
PH UNITS	6.5	7.0	6.9	6.5	7.3	6.3	7.0	6.6	6.7
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.06	.03	.01	.01	.01	.01	.01	.01	.01
POTASSIUM MG/L	.50	.70	.50	.50	.70	.40	.40	.40	.50
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	0	2	0	0	2	8	2
SILICA MG/L	1.6	1.5	1.5	1.6	1.7	1.5	1.6	1.6	1.3
SILVER UG/L	< .07	< .20	< .06	< .05	< .05	< .05	< .05	< .05	< .05
SODIUM MG/L	1.4	1.3	1.4	1.4	1.5	1.3	1.5	1.4	1.5
SPECIFIC COND UMHOS	48	45	46	47	46	47	46	45	47
STRONTIUM UG/L	20	20	22	18	19	19	20	19	16
SULFATE MG/L	8.0	8.4	7.9	8.4	8.5	10	8.7	9.0	9.2
TIN UG/L	< .70	< 1.0	< .60	< .50	< .50	< .50	< .50	< .50	< .50
TITANIUM UG/L	25	3.0	2.0	2.0	2.0	3.0	1.0	2.0	.40
VANADIUM UG/L	3.0	< .50	< .60	< .50	< 3.0	< .50	< .50	< .40	< .40
ZINC UG/L	130	49	0	10	20	0	0	0	0
ZIRCONIUM UG/L	3.0	< 1.0	< 1.0	< .80	< .70	< 1.0	< .50	< .50	< .80

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NEW YORK CITY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	414759074215700	NEW YORK CITY(C)-RONDOUT RESERVOIR
B	403706074062001	NYC DIST SYST-STATEN ISLAND PUMP STATION

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	TREATED	TREATED
DATE.....	02/05/73	02/20/73	03/05/73	03/19/73	04/02/73	04/16/73	04/30/73	05/23/74	06/06/74
ALUMINUM UG/L	41	44	230	63	94	45	34	58	35
ARSENIC UG/L	0	0	0	0	0	0	0	8	0
BARIUM UG/L	36	50	46	42	42	40	38	26	26
BERYLLIUM UG/L	< .10	< .20	< .60	< .20	< .50	< .20	< .20	< .20	< .30
BICARBONATE MG/L	9	8	--	9	--	8	10	4	5
BISMUTH UG/L	< .50	< .60	< 2.0	< .60	< 2.0	< .50	< .50	< .80	< .70
BORON UG/L	4.0	5.0	4.0	6.0	4.0	5.0	4.0	5.0	6.0
CADMIUM UG/L	0	0	0	0	0	0	0	1	0
CALCIUM MG/L	6.8	5.0	--	6.0	--	5.0	4.9	12	--
CARBONATE MG/L	0	0	--	0	--	0	0	0	0
CHLORIDE MG/L	2.0	2.1	3.0	2.5	2.0	2.1	2.5	6.6	5.2
CHROMIUM UG/L	< 1	< 1	< 2	< 1	< 2	< 1	< 1	1	< 1
COBALT UG/L	.90	< .60	< 2.0	< .60	< 2.0	< .50	< .50	< .80	< .70
COLIFORM COL/100 ML	K 5	< 1	K 3	5	K 35	K 3	15	--	--
COPPER UG/L	4.0	2.0	1.0	2.0	2.0	2.0	.70	26	34
CYANIDE MG/L	.01	.01	3	.02	.02	.01	.01	0	0
DISS SOLIDS SUM MG/L	27	25	15	27	14	24	27	37	--
FLUORIDE MG/L	0	0	.10	.10	.20	.20	.20	1.0	.90
GALLIUM UG/L	< .30	< .30	< .80	< .30	< .70	< .20	< .30	< .20	< .20
GERMANIUM UG/L	< .50	< .60	< 2.0	< .70	< 2.0	< .60	< .50	< .80	< .70
HARDNESS TOTAL MG/L	22	17	--	20	--	17	16	36	--
HARDNESS NONCARB MG/L	14	10	--	12	--	10	8	32	--
IRON UG/L	35	33	100	74	46	46	36	70	52
LEAD UG/L	.50	< .60	2.0	.50	< 2.0	.50	< .50	14	25
LITHIUM UG/L	< 10	< 10	< 10	< 10	--	--	--	.50	.40
MAGNESIUM MG/L	1.1	1.1	.90	1.1	.90	1.0	1.0	1.4	2.0
MANGANESE UG/L	74	85	47	95	88	47	41	31	25
MBAS MG/L	.01	.03	0	.02	.02	.01	.08	.01	.02
MERCURY UG/L	< .50	.80	< .50	< .50	1.0	4.6	2.6	< .50	.50
MOLYBDENUM UG/L	< .20	< .30	< .80	< .20	< .70	< .20	< .30	< .20	< .30
NICKEL UG/L	.90	.80	< 2.0	1.0	< 2.0	.90	.88	1.0	.90
NITRATE AS N MG/L	.40	.30	.40	.40	.40	.38	.38	.23	.20
NITRITE AS N MG/L	--	--	--	--	--	--	--	0	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.03	.20	.18	.16	.86	.16	.18	.09	.28
PH UNITS	7.2	6.7	--	6.9	--	6.5	6.7	6.5	6.0
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.02	.01	.01	.01	.06	.01	.01	.03	.02
POTASSIUM MG/L	.60	.50	--	.50	--	.50	.40	.50	.80
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	2	1	1	1	0	1	1	3	1
SILICA MG/L	1.3	1.3	2.4	1.3	2.0	1.4	1.4	1.6	1.3
SILVER UG/L	< .05	< .06	< .20	< .06	< .20	< .05	< .05	< .10	< .07
SODIUM MG/L	1.5	1.5	--	1.5	--	1.5	1.6	2.8	2.5
SPECIFIC COND UMHOS	49	47	--	46	--	45	45	65	65
STRONTIUM UG/L	17	18	130	23	100	20	22	30	24
SULFATE MG/L	9.1	9.5	8.5	9.1	8.5	8.5	9.3	8.4	8.9
TIN UG/L	< .50	< .60	< 2.0	< .60	< 2.0	< .50	< .50	< .80	< .70
TITANIUM UG/L	1.0	.60	6.0	2.0	< 2.0	.60	.50	1.0	1.0
VANADIUM UG/L	< .50	< .60	< 2.0	< .30	< 2.0	< .50	5.0	< .40	< .30
ZINC UG/L	50	0	0	0	10	0	0	10	40
ZIRCONIUM UG/L	< .60	< 2.0	< 2.0	< .90	< 3.0	< .40	< 2.0	< .80	< 1.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NEW YORK CITY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	403706074062001	NYC DIST SYST-STATEN ISLAND PUMP STATION

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	06/20/74	07/03/74	07/18/74	08/01/74	09/03/74	09/12/74	09/25/74	10/10/74	10/24/74
ALUMINUM UG/L	27	40	38	36	30	27	32	30	28
ARSENIC UG/L	1	< 1	0	0	2	1	< 1	< 1	1
BARIUM UG/L	27	27	33	23	33	22	24	26	25
BERYLLIUM UG/L	< .20	< .30	< .30	< .20	< .10	< .05	< .10	< .06	< .05
BICARBONATE MG/L	7	5	2	4	4	6	9	8	6
BISMUTH UG/L	< .70	< .60	< .70	< .40	< .30	< .20	< .30	< .30	< .20
BORON UG/L	4.0	4.0	6.0	4.0	4.0	3.0	4.0	4.0	5.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	4.8	4.9	5.4	7.8	4.7	5.4	5.2	5.9	5.5
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	5.2	4.9	5.0	5.3	6.7	5.0	4.2	7.5	4.9
CHROMIUM UG/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
COBALT UG/L	< .70	< .50	< .70	< .30	< .30	< .20	< .30	< .20	< .20
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	25	27	32	29	40	23	23	28	27
CYANIDE MG/L	0	0	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	28	28	28	30	29	26	29	33	28
FLUORIDE MG/L	1.1	1.0	.90	1.0	.90	1.0	.70	.90	1.0
GALLIUM UG/L	< .20	< .30	< .40	< .30	< .06	< .07	< .10	< .20	< .10
GERMANIUM UG/L	< .70	< .80	< .80	< .60	< .30	< .30	< .20	< .30	< .30
HARDNESS TOTAL MG/L	17	17	18	24	16	18	18	23	18
HARDNESS NONCARB MG/L	11	13	16	20	13	13	11	16	13
IRON UG/L	36	65	66	55	60	35	42	60	60
LEAD UG/L	20	38	57	36	60	70	33	50	50
LITHIUM UG/L	.40	.40	.50	.30	.50	.30	.30	.20	.40
MAGNESIUM MG/L	1.2	1.1	1.1	1.0	1.1	1.0	1.2	2.0	1.1
MANGANESE UG/L	24	27	32	31	43	30	38	40	55
MBAS MG/L	.03	.03	.03	.02	.02	.02	.02	.01	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .30	< .30	< .20	< .20	< .10	< .05	< .05	< .06	< .05
NICKEL UG/L	< .70	.60	1.0	1.0	1.0	< 1.0	< 1.0	.60	.80
NITRATE AS N MG/L	.24	.21	.21	.21	.22	.24	.23	.23	.21
NITRITE AS N MG/L	.01	0	0	.01	0	0	0	0	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.12	.10	.15	.10	.04	.10	.11	.12	.05
PH UNITS	6.5	6.4	5.8	5.0	6.4	5.6	5.6	5.7	6.4
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.01	.04	.03	.03	.02	.02	.01	.04	.02
POTASSIUM MG/L	.50	.60	.60	.60	1.2	.40	.40	.20	.20
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	1	< 1	0	3	2	3	4	0
SILICA MG/L	1.2	1.1	1.2	1.2	1.3	1.3	1.3	1.7	1.7
SILVER UG/L	< .07	< .10	< .10	< .10	< .03	< .02	< .03	< .03	< .02
SODIUM MG/L	2.3	2.6	2.5	2.1	2.9	2.6	3.5	2.5	2.0
SPECIFIC COND UMHOS	60	60	62	60	60	65	64	64	60
STRONTIUM UG/L	24	27	28	24	28	24	22	28	25
SULFATE MG/L	8.0	8.8	9.7	9.0	7.6	5.7	7.6	8.1	8.5
TIN UG/L	< .70	< .80	< .80	< .60	< .30	< .20	< .30	< .30	< .20
TITANIUM UG/L	1.0	1.0	1.0	1.0	2.0	1.0	1.0	.60	.40
VANADIUM UG/L	< .40	< .30	< .40	< .30	.20	.20	< .20	< .20	< .20
ZINC UG/L	20	20	10	10	40	0	10	10	20
ZIRCONIUM UG/L	< 1.0	< 1.0	< 1.0	< .60	< .30	< .40	< .40	< .40	< .30

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NEW YORK CITY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	403706074062001	NYC DIST SYST-STATEN ISLAND PUMP STATION

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	11/08/74	11/21/74	12/05/74	12/19/74	01/02/75	01/16/75	01/30/75	02/14/75	02/27/75
ALUMINUM UG/L	25	30	45	57	50	70	96	96	80
ARSENIC UG/L	1	0	0	1	1	0	0	2	1
BARIUM UG/L	28	32	26	24	22	24	29	32	26
BERYLLIUM UG/L	< .05	< .06	< .06	< .05	< .30	< .20	< .06	< .06	< .05
BICARBONATE MG/L	7	10	8	10	9	19	9	9	12
BISMUTH UG/L	< .30	< .30	< .30	< .30	< .70	< .80	< .20	< .20	< .20
BORON UG/L	4.0	4.0	5.0	4.0	3.0	5.0	4.0	6.0	5.0
CADMIUM UG/L	0	0	1	0	0	0	1	0	0
CALCIUM MG/L	5.8	5.2	5.5	8.0	6.5	9.0	5.0	4.8	4.9
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	5.2	3.8	4.4	3.5	3.5	4.2	4.6	5.9	7.0
CHROMIUM UG/L	< 1	0	0	0	< 1	< 1	< 1	< 1	< 1
COBALT UG/L	< .20	< .20	< .30	< .30	< .80	< .80	< .20	< .20	< .20
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	28	27	25	28	16	20	28	36	32
CYANIDE MG/L	.01	0	.02	.01	.01	0	0	.01	.01
DISS SOLIDS SUM MG/L	28	29	31	42	30	40	31	33	37
FLUORIDE MG/L	.80	.90	1.0	1.0	.90	.80	.90	1.0	.90
GALLIUM UG/L	< .08	< .09	< .10	< .10	< .30	< .40	< .06	< .06	< .05
GERMANIUM UG/L	< .30	< .30	< .30	< .30	< .80	< .40	< .30	< .30	< .30
HARDNESS TOTAL MG/L	19	18	19	26	22	27	18	17	17
HARDNESS NONCARB MG/L	13	9	12	18	14	11	10	9	7
IRON UG/L	68	56	73	88	70	70	88	96	76
LEAD UG/L	60	15	32	18	7.0	11	8.0	10	10
LITHIUM UG/L	.40	.40	.40	.30	--	.30	.50	.50	.50
MAGNESIUM MG/L	1.1	1.1	1.2	1.5	1.3	1.0	1.3	1.1	1.2
MANGANESE UG/L	62	88	90	55	24	17	16	20	17
MBAS MG/L	.03	.03	0	0	0	0	0	0	0
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .05	< .06	< .10	< .10	< .30	< .40	< .06	< .06	< .07
NICKEL UG/L	.70	1.0	.60	.50	< .70	1.0	.70	1.0	.50
NITRATE AS N MG/L	.15	.22	.22	.22	.22	.23	.22	.24	.24
NITRITE AS N MG/L	0	0	0	0	0	0	0	0	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.11	.17	.11	.12	.08	.16	.09	.07	.11
PH UNITS	6.4	6.5	6.5	6.5	6.6	6.8	6.4	6.5	6.5
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.02	.02	.03	.04	.02	.02	.02	.02	.02
POTASSIUM MG/L	.20	.40	.40	.30	.50	.40	.20	1.0	1.0
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	0	0	0	0	0	1	0
SILICA MG/L	1.5	1.7	2.0	2.1	2.2	2.1	2.4	2.4	2.4
SILVER UG/L	< .03	< .03	< .03	< .03	< .07	< .10	< .03	< .03	< .02
SODIUM MG/L	2.2	3.1	3.5	3.0	1.3	4.3	4.1	4.4	4.1
SPECIFIC COND UMHOS	60	75	61	75	62	80	53	64	64
STRONTIUM UG/L	32	28	25	21	27	25	29	27	26
SULFATE MG/L	8.0	7.4	8.4	17	9.6	8.8	7.4	7.4	9.8
TIN UG/L	< .30	< .30	< .30	< .30	< .70	< .80	< .30	< .30	< .20
TITANIUM UG/L	1.0	1.0	2.0	4.0	2.0	2.0	2.0	2.0	2.0
VANADIUM UG/L	< .20	< .20	< .20	< .20	< .70	< .50	.30	.20	.30
ZINC UG/L	10	0	10	10	0	0	10	0	0
ZIRCONIUM UG/L	< .40	< .40	< .40	< .40	< 2.0	< 1.0	< .50	< .50	< .30

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NEW YORK CITY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	403706074062001	NYC DIST SYST-STATEN ISLAND PUMP STATION
B	404300073510001	UTILITIES&INDUSTRIES CORP WOODHAVEN PL-WELLS

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	B
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED	RAW
DATE.....	03/14/75	03/27/75	04/10/75	04/24/75	05/04/75	01/22/73
ALUMINUM UG/L	--	70	110	85	90	--
ARSENIC UG/L	1	1	0	0	1	0
BARIUM UG/L	--	25	28	26	30	--
BERYLLIUM UG/L	--	< .10	< .10	< .10	< .06	--
BICARBONATE MG/L	11	11	11	12	12	231
BISMUTH UG/L	--	< .30	< .30	< .30	< .30	--
BORON UG/L	--	5.0	6.0	5.0	5.0	--
CADMIUM UG/L	0	0	0	0	0	0
CALCIUM MG/L	6.0	4.7	5.6	5.5	5.6	78
CARBONATE MG/L	0	0	0	0	0	0
CHLORIDE MG/L	6.1	6.0	5.4	5.7	7.3	17
CHROMIUM UG/L	--	< 1	< 1	< 1	< 1	--
COBALT UG/L	--	< .30	< .30	< .20	< .20	--
COLIFORM COL/100 ML	--	--	--	--	--	--
COPPER UG/L	--	26	35	26	30	--
CYANIDE MG/L	0	0	.01	.01	.02	0
DISS SOLIDS SUM MG/L	37	33	35	33	37	345
FLUORIDE MG/L	.98	.88	.98	.48	1.8	.20
GALLIUM UG/L	--	< .10	< .20	< .10	< .20	--
GERMANIUM UG/L	--	< .30	< .40	< .30	< .30	--
HARDNESS TOTAL MG/L	21	17	19	18	21	306
HARDNESS NONCARB MG/L	12	8	10	8	11	116
IRON UG/L	--	85	110	90	85	--
LEAD UG/L	--	15	10	4.0	6.0	--
LITHIUM UG/L	--	.40	.50	.40	.40	--
MAGNESIUM MG/L	1.4	1.2	1.2	1.1	1.6	27
MANGANESE UG/L	--	16	20	20	20	--
MBAS MG/L	0	0	0	0	0	.06
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	--	< .10	< .20	< .10	< .10	--
NICKEL UG/L	--	.60	.80	.50	.70	--
NITRATE AS N MG/L	.24	.24	.25	.25	.20	6.8
NITRITE AS N MG/L	0	.01	0	.01	0	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.12	.08	0	.07	.33	0
PH UNITS	6.7	6.6	6.7	7.0	6.9	7.9
PHENOLS UG/L	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.01	.02	.02	.01	.02	.12
POTASSIUM MG/L	.68	.50	.60	.40	.40	1.7
RUBIDIUM UG/L	--	--	--	--	--	--
SELENIUM UG/L	0	0	1	0	0	0
SILICA MG/L	2.5	2.4	2.4	2.0	1.9	20
SILVER UG/L	--	< .05	< .03	< .03	< .04	--
SODIUM MG/L	4.3	4.1	4.1	4.1	4.1	12
SPECIFIC COND UMHOS	67	64	85	75	75	569
STRONTIUM UG/L	--	22	25	22	28	--
SULFATE MG/L	9.3	7.7	8.8	8.0	8.4	69
TIN UG/L	--	< .50	< .30	< .30	< .30	--
TITANIUM UG/L	--	2.0	3.0	.30	3.0	--
VANADIUM UG/L	--	< .30	.30	< .30	.20	--
ZINC UG/L	0	10	0	10	0	30
ZIRCONIUM UG/L	--	< .40	< .60	< .40	< .60	--

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NIAGARA COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	430918078421000	LOCKPORT(C)-NIAGARA RIVER(EAST BRANCH)

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	02/07/72	05/16/73	05/30/73	06/13/73	06/27/73	07/11/73	07/24/73	08/08/73	08/22/73
ALUMINUM UG/L	480	180	71	220	160	3600	230	130	480
ARSENIC UG/L	0	0	0	0	0	10	0	0	0
BARIUM UG/L	33	22	22	22	20	50	23	23	29
BERYLLIUM UG/L	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
BICARBONATE MG/L	109	105	108	104	101	102	59	62	110
BISMUTH UG/L	< 10	< 5.0	< 4.0	< 4.0	< 5.0	< 6.0	< 5.0	< 5.0	< 5.0
BORON UG/L	20	7.0	18	8.0	10	18	11	17	20
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	38	39	41	38	39	42	38	40	39
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	28	38	25	24	25	23	24	25	24
CHROMIUM UG/L	< 10	< 5	< 2	< 2	< 2	8	< 2	< 2	< 3
COBALT UG/L	< 5.0	< 5.0	< 2.0	< 2.0	< 3.0	< 4.0	< 2.0	< 2.0	< 5.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	33	20	17	24	22	42	87	250	180
CYANIDE MG/L	0	.01	0	0	.01	0	0	.01	.01
DISS SOLIDS SUM MG/L	171	174	172	184	167	174	189	198	162
FLUORIDE MG/L	.20	1.6	2.1	3.2	5.6	8.3	29	34	.18
GALLIUM UG/L	< .90	< 2.0	< 2.0	< 2.0	< 2.0	< 3.0	< 3.0	< 3.0	< 3.0
GERMANIUM UG/L	< 10	< 5.0	< 4.0	< 4.0	< 5.0	< 6.0	< 5.0	< 5.0	< 5.0
HARDNESS TOTAL MG/L	128	131	137	128	131	139	128	139	131
HARDNESS NONCARB MG/L	38	45	50	43	48	55	88	88	41
IRON UG/L	490	230	72	440	250	4800	210	88	4100
LEAD UG/L	< 5.0	< 5.0	< 2.0	< 4.0	< 2.0	12	< 3.0	< 3.0	14
LITHIUM UG/L	< 10	0	0	0	0	0	0	0	0
MAGNESIUM MG/L	8.0	8.1	8.4	8.1	8.1	8.3	8.1	9.5	8.1
MANGANESE UG/L	11	8.0	4.0	19	10	140	6.0	3.0	63
MBAS MG/L	.02	.08	.05	.02	.02	0	.01	.02	.01
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	1.0	1.8	1.1
MOLYBDENUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.0	2.0
NICKEL UG/L	< 5.0	< 5.0	2.0	5.0	2.0	14	< 2.0	< 2.0	8.0
NITRATE AS N MG/L	.20	.29	.60	.29	.19	.25	.11	.01	.09
NITRITE AS N MG/L	--	.01	.00	.01	.01	.01	.01	.01	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.19	.44	.27	.38	.62	.25	.24	.15	.20
PH UNITS	7.8	7.4	7.6	7.4	7.7	7.5	6.6	6.6	8.1
PHENOLS UG/L	1.0	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.02	.04	.03	.05	.15	.06	.07	.07	.01
POTASSIUM MG/L	1.4	1.2	1.4	1.3	1.4	1.3	1.3	1.4	1.4
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	2	2	2	1	1	1	1	1
SILICA MG/L	.20	.90	1.0	1.7	2.5	4.3	14	13	.20
SILVER UG/L	< .90	< .50	< .50	< .50	< .50	< .00	< .50	< .50	0
SODIUM MG/L	13	12	13	12	13	13	21	22	10
SPECIFIC COND UMHOS	314	320	322	311	312	332	357	352	304
STRONTIUM UG/L	180	120	160	95	88	140	120	130	140
SULFATE MG/L	28	29	27	24	22	23	24	23	25
TIN UG/L	< 10	< 5.0	< 4.0	< 4.0	< 5.0	< 6.0	< 5.0	< 5.0	< 5.0
TITANIUM UG/L	22	11	< 3.0	6.0	14	200	5.0	< 4.0	46
VANADIUM UG/L	< 5.0	< 5.0	< 2.0	< 2.0	< 2.0	7.6	< 2.0	< 2.0	2.0
ZINC UG/L	< 200	10	0	0	10	40	100	130	10
ZIRCONIUM UG/L	< 10	< 9.0	< 8.0	< 8.0	< 7.0	14	< 7.0	< 7.0	< 7.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NIAGARA COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	430918078421080	LOCKPORT(C)-NIAGARA RIVER(EAST BRANCH)

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	09/05/73	09/20/73	10/03/73	10/16/73	10/31/73	11/14/73	11/29/73	12/11/73	12/28/73
ALUMINUM UG/L	500	250	530	11000	850	3800	2200	1200	5400
ARSENIC UG/L	0	0	1	1	1	2	1	3	3
BARIUM UG/L	27	28	44	100	42	46	44	35	60
BERYLLIUM UG/L	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 2.0	< 1.0	< 1.0	< 2.0
BICARBONATE MG/L	112	63	0	110	46	61	97	94	109
BISMUTH UG/L	< 5.0	< 5.0	< 6.0	< 8.0	< 5.0	< 6.0	< 5.0	< 5.0	< 6.0
BORON UG/L	23	8.0	15	50	17	16	25	26	21
CADMIUM UG/L	--	0	0	0	0	0	0	2	0
CALCIUM MG/L	36	36	9.5	34	40	36	36	40	38
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	24	24	25	26	24	25	25	25	25
CHROMIUM UG/L	3	< 3	2	27	< 3	6	5	2	4
COBALT UG/L	< 5.0	< 5.0	< 6.0	8.0	< 5.0	< 6.0	< 5.0	< 4.0	< 3.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	56	140	3300	130	240	350	250	220	420
CYANIDE MG/L	.01	0	0	0	.01	0	.01	.02	0
DISS SOLIDS SUM MG/L	162	184	161	157	190	192	165	175	181
FLUORIDE MG/L	.40	27	30	.30	35	29	5.7	9.1	.60
GALLIUM UG/L	< 2.0	< 3.0	< 3.0	< 4.0	< 3.0	< 3.0	< 3.0	< 2.0	< 2.0
GERMANIUM UG/L	< 5.0	< 5.0	< 6.0	< 8.0	< 5.0	< 6.0	< 5.0	< 5.0	< 6.0
HARDNESS TOTAL MG/L	127	125	55	118	134	125	129	135	129
HARDNESS NONCARB MG/L	35	73	55	28	97	75	50	54	40
IRON UG/L	1200	240	800	12000	980	3700	3600	1700	4400
LEAD UG/L	< 5.0	< 5.0	65	17	< 5.0	30	15	7.0	10
LITHIUM UG/L	--	0	0	0	0	10	0	0	0
MAGNESIUM MG/L	7.7	8.5	7.7	8.1	8.4	8.6	9.6	8.5	8.4
MANGANESE UG/L	42	8.0	14	380	24	50	45	30	85
MBAS MG/L	.04	.01	0	.03	0	.01	0	.02	.01
MERCURY UG/L	--	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 3.0	< 3.0	< 4.0	2.0	< 3.0	2.0	1.0	< 3.0
NICKEL UG/L	12	< 5.0	14	25	5.0	11	13	10	14
NITRATE AS N MG/L	.06	.08	.06	.07	.06	.12	.13	.18	.17
NITRITE AS N MG/L	.00	.00	0	.00	.01	.00	.01	.01	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.13	.14	.18	.14	.11	.24	.09	.27	.47
PH UNITS	8.1	6.8	4.4	8.0	6.6	6.6	7.2	7.1	7.7
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.01	.00	.13	.27	.07	.09	.04	.05	.11
POTASSIUM MG/L	1.4	1.5	1.7	1.6	1.6	1.7	1.5	1.6	1.2
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	--	2	2	0	0	4	2	1	1
SILICA MG/L	.30	13	31	.37	14	13	3.4	3.9	.30
SILVER UG/L	0	0	< 1.0	< 1.0	< .80	< 1.0	< .50	< .50	< .60
SODIUM MG/L	11	20	34	10	22	22	14	14	10
SPECIFIC COND UMHOS	303	356	309	311	367	371	325	326	308
STRONTIUM UG/L	140	140	200	170	280	210	200	160	170
SULFATE MG/L	24	23	22	22	22	26	22	24	24
TIN UG/L	< 5.0	< 5.0	32	< 8.0	< 5.0	< 6.0	6.0	< 5.0	< 6.0
TITANIUM UG/L	< 3.0	7.0	16	740	26	200	170	80	420
VANADIUM UG/L	< 2.0	< 3.0	3.0	15	< 3.0	4.0	3.0	2.0	8.0
ZINC UG/L	--	470	120	30	40	48	50	30	30
ZIRCONIUM UG/L	< 7.0	< 7.0	< 9.0	27	< 8.0	12	7.0	< 5.0	14

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NIAGARA COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	430918078421000	LOCKPORT(C)-NIAGARA RIVER(EAST BRANCH)

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	01/09/74	01/22/74	02/06/74	02/21/74	03/05/74	03/20/74	04/03/74	04/16/74	04/30/74
ALUMINUM UG/L	1900	65000	3500	290	1800	4300	370	2100	1500
ARSENIC UG/L	1	3	< 1	2	1	1	0	< 1	1
BARIUM UG/L	38	430	80	31	45	53	30	43	40
BERYLLIUM UG/L	< 1.0	< 6.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0
BICARBONATE MG/L	93	51	80	36	39	79	93	92	102
BISMUTH UG/L	< 5.0	< 20	< 6.0	< 4.0	< 6.0	< 6.0	< 5.0	< 5.0	< 5.0
BORON UG/L	22	200	35	18	36	18	14	24	23
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	40	41	39	37	36	37	35	38	35
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	24	24	25	25	24	25	25	23	24
CHROMIUM UG/L	< 3	140	7	< 2	4	5	< 2	4	6
COBALT UG/L	< 4.0	20	< 6.0	< 5.0	< 6.0	< 6.0	< 4.0	< 4.0	< 5.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	90	170	75	130	200	210	45	60	75
CYANIDE MG/L	0	.01	.02	0	0	0	0	.01	0
DISS SOLIDS SUM MG/L	175	200	186	190	187	172	163	160	153
FLUORIDE MG/L	14	32	19	38	36	15	7.8	6.3	.70
GALLIUM UG/L	< 3.0	12	< 3.0	< 1.0	< 1.0	< 3.0	< 2.0	< 2.0	< 2.0
GERMANIUM UG/L	< 6.0	< 20	< 6.0	< 5.0	< 6.0	< 6.0	< 5.0	< 5.0	< 5.0
HARDNESS TOTAL MG/L	133	139	133	125	124	128	119	125	120
HARDNESS NONCARB MG/L	57	97	67	95	92	63	42	50	36
IRON UG/L	2600	50000	2700	260	2500	2900	380	2100	1900
LEAD UG/L	< 5.0	50	< 6.0	< 4.0	< 4.0	< 6.0	< 5.0	< 5.0	4.0
LITHIUM UG/L	0	0	0	0	0	0	0	0	0
MAGNESIUM MG/L	8.0	8.9	8.6	7.9	8.3	8.6	7.6	7.4	7.9
MANGANESE UG/L	46	800	55	54.0	54	60	9.0	37	37
MBAS MG/L	.01	0	0	0	.02	.02	.02	.02	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 3.0	< 8.0	< 3.0	1.0	< 3.0	< 2.0	< 2.0	< 2.0	< 2.0
NICKEL UG/L	10	100	9.0	< 2.0	7.0	12	< 5.0	8.0	6.0
NITRATE AS N MG/L	.18	.21	.27	.20	.24	.18	.25	.37	.34
NITRITE AS N MG/L	.01	0	0	0	.01	0	0	.01	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.17	.29	.11	.08	.07	.16	.16	.22	.27
PH UNITS	6.9	6.2	6.6	5.9	6.0	6.7	7.0	7.1	7.7
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.06	.15	.06	.06	.10	.06	.04	.05	.03
POTASSIUM MG/L	1.3	1.5	1.5	1.5	1.5	1.4	1.5	1.5	1.4
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	1	1	1	1	2	< 1	2	0
SILICA MG/L	4.5	18	9.0	17	15	7.6	3.5	3.2	.20
SILVER UG/L	< .50	< 2.0	< .60	< .50	< .60	< .60	< .50	< .50	< .50
SODIUM MG/L	15	24	17	24	24	15	13	11	9.3
SPECIFIC CONU UMHOS	329	384	359	383	374	315	302	284	288
STRONTIUM UG/L	160	290	240	170	190	180	190	180	200
SULFATE MG/L	22	27	27	22	23	23	23	24	24
TIN UG/L	< 5.0	< 20	< 6.0	< 4.0	< 6.0	< 6.0	< 5.0	< 5.0	< 5.0
TITANIUM UG/L	120	3600	200	8.0	120	260	10	84	110
VANADIUM UG/L	3.0	100	5.0	< 2.0	2.0	5.0	< 2.0	4.0	< 3.0
ZINC UG/L	20	50	0	20	50	40	50	50	70
ZIRCONIUM UG/L	< 6.0	170	14	< 7.0	13	11	< 8.0	< 9.0	< 7.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NIAGARA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	430918078421001	LOCKPORT(C)-NIAGARA RIVER(EAST BRANCH)

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	02/07/72	05/16/73	05/30/73	06/13/73	06/27/73	07/11/73	07/24/73	08/08/73	08/22/73
ALUMINUM UG/L	120	110	120	190	170	160	230	300	140
ARSENIC UG/L	0	0	0	0	0	0	0	0	0
BARIUM UG/L	29	24	22	23	21	24	24	26	22
BERYLLIUM UG/L	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
BICARBONATE MG/L	105	103	108	109	106	104	105	108	110
BISMUTH UG/L	< 10	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0	< 4.0	< 4.0	< 4.0
BORON UG/L	21	7.0	16	10	13	9.0	13	19	10
CADMIUM UG/L	0	0	0	0	0	0	0	--	0
CALCIUM MG/L	39	40	41	40	39	38	39	39	38
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	26	27	27	42	27	24	28	25	24
CHROMIUM UG/L	< 10	< 4	< 2	< 2	< 2	1	< 2	< 2	< 2
COBALT UG/L	< 5.0	< 4.0	< 2.0	< 2.0	< 3.0	< 3.0	< 2.0	< 2.0	< 4.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	2.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0
CYANIDE MG/L	0	0	.02	.01	0	.01	.03	--	.01
DISS SOLIDS SUM MG/L	170	170	173	183	165	156	169	167	162
FLUORIDE MG/L	1.2	1.1	1.0	1.0	1.0	1.1	1.2	1.0	.32
GALLIUM UG/L	< .90	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
GERMANIUM UG/L	< 10	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0	< 4.0	< 4.0	< 4.0
HARDNESS TOTAL MG/L	130	132	137	133	131	129	130	131	128
HARDNESS NONCARB MG/L	44	48	48	44	44	43	44	42	38
IRON UG/L	57	34	21	74	47	30	5.0	17	10
LEAD UG/L	< 5.0	< 4.0	< 2.0	6.0	< 2.0	< 2.0	< 3.0	< 3.0	< 4.0
LITHIUM UG/L	< 10	0	0	0	0	0	0	--	0
MAGNESIUM MG/L	7.9	7.9	8.3	8.1	8.2	8.0	8.0	8.1	8.1
MANGANESE UG/L	< 3.0	< 3.0	2.0	5.0	3.0	< 2.0	< 2.0	2.0	< 3.0
MBAS MG/L	.02	.07	.03	.03	.02	0	.01	.01	0
MERCURY UG/L	< .50	--	< .50	< .50	< .50	< .50	.90	--	.60
MOLYBDENUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	1.0	< 2.0	< 2.0	< 2.0	< 2.0
NICKEL UG/L	< 5.0	< 4.0	< 2.0	4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0
NITRATE AS N MG/L	.20	.40	.40	.30	.20	.29	.11	.10	.09
NITRITE AS N MG/L	--	.00	.00	0	.00	.01	.01	.01	.00
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.36	.15	.15	.24	.20	.25	.28	--	.14
PH UNITS	7.6	7.5	7.9	7.7	7.8	7.8	7.7	7.9	7.9
PHENOLS UG/L	1.0	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.01	.01	.01	.01	.02	.01	.00	--	.01
POTASSIUM MG/L	1.4	1.2	1.3	1.2	1.4	1.3	1.3	1.4	1.4
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	1	2	0	1	0	1	--	1
SILICA MG/L	.50	.60	.50	.70	.60	.75	.70	.60	.30
SILVER UG/L	< .90	< .40	< .50	< .50	< .40	< .50	< .49	< .40	0
SODIUM MG/L	13	12	12	11	11	11	11	11	10
SPECIFIC COND UMHOS	323	319	321	307	304	307	312	306	303
STRONTIUM UG/L	170	160	150	100	120	130	120	150	160
SULFATE MG/L	29	29	28	25	24	28	28	28	26
TIN UG/L	< 10	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0	< 4.0	< 4.0	< 4.0
TITANIUM UG/L	< 5.0	< 4.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
VANADIUM UG/L	< 5.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
ZINC UG/L	< 200	0	0	0	0	10	40	--	10
ZIRCONIUM UG/L	< 10	< 9.0	< 8.0	< 8.0	< 6.0	< 7.0	< 6.0	< 6.0	< 7.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NIAGARA COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND NAW SOURCE OF WATER SAMPLED
	A	430918078421001	LOCKPORT(C)-NIAGARA RIVER(EAST BRANCH)

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	09/05/73	09/20/73	10/03/73	10/16/73	10/31/73	11/14/73	11/29/73	12/11/73	12/28/73
ALUMINUM UG/L	260	140	170	95	100	220	110	150	380
ARSENIC UG/L	0	< 1	1	0	1	1	1	1	1
BARIUM UG/L	24	22	27	24	28	28	30	28	26
BERYLLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
BICARBONATE MG/L	111	105	106	99	108	108	106	107	106
BISMUTH UG/L	< 5.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0	< 4.0	< 5.0
BORON UG/L	14	13	16	18	17	13	20	24	17
CADMIUM UG/L	0	0	0	0	0	1	0	0	0
CALCIUM MG/L	36	35	35	35	37	36	36	36	36
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	25	25	26	28	25	25	25	25	26
CHROMIUM UG/L	2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
COBALT UG/L	< 5.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 3.0	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	16	1.0	2.0	8.0	1.0	4.0	2.0	2.0	3.0
CYANIDE MG/L	.01	0	0	0	0	.01	.01	.01	0
DISS SOLIDS SUM MG/L	162	158	161	162	164	167	162	171	160
FLUORIDE MG/L	.40	1.3	.80	.80	1.5	.80	1.1	1.5	.60
GALLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
GERMANIUM UG/L	< 5.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0
HARDNESS TOTAL MG/L	127	121	120	121	127	124	130	135	125
HARDNESS NONCARB MG/L	36	35	33	40	36	36	43	47	38
IRON UG/L	220	7.0	28	10	18	120	30	58	230
LEAD UG/L	63	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 2.0	< 4.0	3.0
LITHIUM UG/L	10	0	0	0	0	0	0	0	0
MAGNESIUM MG/L	7.7	8.2	8.0	8.1	8.4	8.4	9.7	11	8.5
MANGANESE UG/L	22	< 3.0	3.0	< 3.0	< 2.0	4.0	< 2.0	< 2.0	10
MBAS MG/L	.04	.01	.02	.03	0	0	0	.02	0
MERCURY UG/L	2.8	< .50	< .50	< .50	.90	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	2.0	< 2.0	2.0	< 2.0	< 2.0
NICKEL UG/L	< 5.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
NITRATE AS N MG/L	.06	.07	.08	.08	.07	.13	.13	.16	.18
NITRITE AS N MG/L	.01	.01	.00	.00	.00	.01	.01	.01	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.11	.16	.15	.13	.12	.15	.08	.16	.10
PH UNITS	8.1	7.7	7.8	7.5	8.0	7.4	7.6	7.6	7.5
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.01	.00	.01	.00	.01	.01	.01	.01	.01
POTASSIUM MG/L	1.4	1.4	1.4	1.6	1.5	1.5	1.5	1.5	1.2
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	--	0	0	0	0	1	1	1	2
SILICA MG/L	.20	.00	.70	.56	.71	.51	.57	7.4	.30
SILVER UG/L	0	0	< .60	< .60	< .60	< .70	< .40	< .40	< .50
SODIUM MG/L	10	10	11	11	11	12	12	12	10
SPECIFIC COND UMHOS	303	311	310	316	308	314	313	309	310
STRONTIUM UG/L	140	130	140	150	190	180	190	170	120
SULFATE MG/L	25	25	26	30	26	30	24	24	25
TIN UG/L	< 6.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0	< 4.0	< 5.0
TITANIUM UG/L	20	< 3.0	< 3.0	< 3.0	< 2.0	6.0	< 2.0	2.0	7.0
VANADIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
ZINC UG/L	0	0	20	30	10	30	70	10	30
ZIRCONIUM UG/L	< 7.0	< 6.0	< 6.0	< 6.0	< 6.0	< 4.0	< 5.0	< 5.0	< 5.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NIAGARA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	430918078421001	LOCKPORT(C)-NIAGARA RIVER(EAST BRANCH)

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	01/09/74	01/22/74	02/06/74	02/21/74	03/05/74	03/20/74	04/03/74	04/16/74	04/30/74
ALUMINUM UG/L	250	120	170	110	120	200	150	83	200
ARSENIC UG/L	2	0	< 1	2	1	1	< 1	< 1	0
BARIUM UG/L	25	30	31	30	27	26	28	26	25
BERYLLIUM UG/L	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 2.0	< .98
BICARBONATE MG/L	109	106	112	107	104	101	101	98	99
BISMUTH UG/L	< 5.0	< 4.0	< 5.0	< 3.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
BORON UG/L	14	17	18	17	25	11	12	11	17
CADMIUM UG/L	0	0	0	0	0	--	0	0	0
CALCIUM MG/L	40	38	39	38	38	37	36	37	35
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	24	24	25	26	24	24	25	24	24
CHROMIUM UG/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
COBALT UG/L	< 3.0	< 4.0	< 5.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	3.0	1.0	2.0	1.0	2.0	1.0	2.0	2.0	4.0
CYANIDE MG/L	.01	0	.01	0	.01	0	0	0	0
DISS SOLIDS SUM MG/L	163	163	171	164	159	159	159	159	154
FLUORIDE MG/L	.70	1.1	.90	.80	.90	.70	.90	.80	1.0
GALLIUM UG/L	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
GERMANIUM UG/L	< 5.0	< 4.0	< 5.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
HARDNESS TOTAL MG/L	133	130	133	128	124	127	121	124	120
HARDNESS NONCARB MG/L	43	43	41	40	37	44	38	43	38
IRON UG/L	160	45	60	26	30	85	36	20	43
LEAD UG/L	< 4.0	< 4.0	< 5.0	< 3.0	< 3.0	< 4.0	< 4.0	< 4.0	< 3.0
LITHIUM UG/L	0	0	0	0	0	--	0	0	0
MAGNESIUM MG/L	8.0	8.5	8.6	8.0	8.2	8.4	7.6	7.6	7.8
MANGANESE UG/L	4.0	< 3.0	< 3.0	< 3.0	5.0	< 2.0	< 3.0	< 3.0	< 3.0
MBAS MG/L	0	0	.01	0	.02	.03	.02	.02	.01
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 1.0	< 2.0	< 2.0	1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.0
NICKEL UG/L	< 4.0	< 4.0	< 5.0	< 2.0	< 3.0	< 3.0	< 4.0	< 4.0	< 2.0
NITRATE AS N MG/L	.18	.28	.29	.21	.23	.21	.27	.25	.35
NITRITE AS N MG/L	.00	0	0	0	0	0	0	.02	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.07	.07	.12	.08	0	.11	.06	.09	.18
PH UNITS	7.5	7.4	7.3	7.4	7.4	7.3	7.2	7.1	7.3
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	0	.01	0	.01	.01	.01	.01	.01	.01
POTASSIUM MG/L	1.3	1.4	1.2	1.5	1.4	1.3	1.4	1.4	1.3
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	1	1	1	1	1	0	0	0
SILICA MG/L	.30	.60	.50	.40	.40	.40	.40	.40	.40
SILVER UG/L	< .50	< .50	< .50	< .40	< .40	< .40	< .40	< .40	< .40
SODIUM MG/L	11	11	10	10	10	10	10	9.5	9.2
SPECIFIC COND UMHOS	311	314	327	315	298	297	295	288	289
STRONTIUM UG/L	150	180	230	170	180	180	190	180	190
SULFATE MG/L	24	26	30	26	26	27	28	30	26
TIN UG/L	< 5.0	< 4.0	< 5.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
TITANIUM UG/L	4.0	< 3.0	< 3.0	< 2.0	< 2.0	2.0	< 2.0	< 2.0	< 2.0
VANADIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
ZINC UG/L	30	60	0	10	50	--	50	30	60
ZIRCONIUM UG/L	< 5.0	< 6.0	< 7.0	< 6.0	< 7.0	< 4.0	< 8.0	< 8.0	< 6.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NIAGARA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	430426078561300	NIAGARA COUNTY WD-NIAGARA RIVER
B	430426078561301	NIAGARA COUNTY WD-NIAGARA RIVER
C	430434079001000	NIAGARA FALLS(C)-NIAGARA RIVER(WEST BRANCH)

SYSTEM(S) ON THIS PAGE...	A	A	B	B	C	C	C	C	C
TYPE OF WATER SAMPLED...	RAW	RAW	TREATED	TREATED	RAW	RAW	RAW	RAW	RAW
DATE.....	11/10/70	10/31/73	11/10/70	10/31/73	11/10/70	07/13/71	10/19/71	01/18/72	04/11/72
ALUMINUM UG/L	11	70	40	110	10	30	55	2300	67
ARSENIC UG/L	0	1	0	1	0	0	0	1	2
BARIUM UG/L	27	30	26	27	24	23	31	43	24
BERYLLIUM UG/L	< .50	< 1.0	< .50	< 1.0	< .50	< .80	< 1.0	< 1.0	< 2.0
BICARBONATE MG/L	111	117	102	106	116	110	118	120	116
BISMUTH UG/L	< 3.0	< 4.0	< 3.0	< 4.0	< 3.0	< 4.0	< 5.0	< 5.0	< 4.0
BORON UG/L	18	17	16	18	14	13	26	26	12
CADMIUM UG/L	0	2	0	0	1	0	0	0	0
CALCIUM MG/L	39	36	37	36	40	38	40	40	40
CARBONATE MG/L	0	0	0	0	0	2	0	0	0
CHLORIDE MG/L	26	24	27	25	25	24	24	25	24
CHROMIUM UG/L	< 5	< 2	< 5	< 2	< 5	< 4	< 3	9	< 9
COBALT UG/L	< 5.0	< 4.0	< 5.0	< 4.0	< 5.0	< 2.0	< 5.0	< 5.0	< 9.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	6.0	5.0	1.0	< 1.0	.70	2.0	2.0	3.0	1.0
CYANIDE MG/L	0	.01	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	168	164	170	161	167	165	167	173	167
FLUORIDE MG/L	.10	.30	1.6	1.6	.20	.20	.20	.20	.10
GALLIUM UG/L	ND	< 2.0	ND	< 2.0	ND	< 3.0	< 1.0	< 1.0	< 4.0
GERMANIUM UG/L	< 5.0	< 4.0	< 5.0	< 4.0	< 5.0	< 6.0	< 7.0	< 2.0	< 9.0
HARDNESS TOTAL MG/L	125	125	119	124	126	127	128	134	132
HARDNESS NONCARB MG/L	34	29	35	38	29	33	31	35	37
IRON UG/L	9.0	88	13	< 4.0	4.0	51	80	1800	41
LEAD UG/L	< 5.0	< 4.0	< 5.0	< 4.0	< 5.0	< 3.0	< 3.0	< 2.0	< 4.0
LITHIUM UG/L	2.0	0	2.0	0	2.0	2.0	< 10	< 10	< 10
MAGNESIUM MG/L	6.6	8.5	6.5	8.4	6.4	7.8	6.8	8.2	7.8
MANGANESE UG/L	< 3.0	4.0	< 3.0	< 2.0	< 3.0	5.0	8.0	60	4.0
MBAS MG/L	--	0	--	0	--	.02	.02	.01	.01
MERCURY UG/L	< .50	.70	--	.70	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	1.0	2.0	1.0	2.0	1.0	1.0	2.0	< 3.0	1.0
NICKEL UG/L	< 5.0	< 4.0	< 5.0	< 4.0	< 5.0	< 2.0	< 5.0	< 5.0	< 9.0
NITRATE AS N MG/L	.10	.07	.10	.09	.10	.10	0	.20	.10
NITRITE AS N MG/L	0	.01	0	.00	0	.01	--	--	--
NITROGEN NH4 AS N MG/L	.02	--	.24	--	.04	.12	--	--	--
NITROGEN NH4+ORG-N MG/L	--	.16	--	.05	--	.39	.14	.28	.18
PH UNITS	7.4	7.8	7.3	7.7	8.1	8.4	8.0	8.1	7.5
PHENOLS UG/L	0	--	0	--	0	1.0	0	1.0	0
PHOSPHORUS AS P MG/L	.08	.01	.01	.00	.06	.02	.02	.08	.01
POTASSIUM MG/L	1.1	1.6	1.1	1.5	1.1	1.3	1.4	1.1	1.3
RUBIDIUM UG/L	< 2.0	--	< 2.0	--	< 2.0	.60	--	--	--
SELENIUM UG/L	0	1	0	1	5	3	7	2	0
SILICA MG/L	.10	.15	.60	.57	.10	.10	.20	.10	.10
SILVER UG/L	< .20	< .60	< .20	< .60	< .20	< .30	< .30	< .50	< .80
SODIUM MG/L	11	11	11	10	11	12	12	12	11
SPECIFIC COND UMHOS	319	304	324	308	318	304	307	316	314
STRONTIUM UG/L	170	210	160	200	170	140	190	190	170
SULFATE MG/L	29	25	35	26	25	25	24	27	26
TIN UG/L	< 5.0	< 4.0	< 5.0	< 4.0	< 5.0	< 6.0	< 7.0	< 2.0	< 9.0
TITANIUM UG/L	< 5.0	2.0	< 5.0	< 2.0	< 5.0	3.0	< 5.0	170	< 4.0
VANADIUM UG/L	< 5.0	< 2.0	< 5.0	< 2.0	< 5.0	< 2.0	< 3.0	4.0	< 4.0
ZINC UG/L	< 180	10	< 180	20	< 140	< 230	< 300	< 280	< 400
ZIRCONIUM UG/L	ND	< 6.0	ND	< 6.0	ND	< 8.0	< 10	< 10	< 9.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NIAGARA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	430434079001000	NIAGARA FALLS(C)-NIAGARA RIVER(WEST BRANCH)

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	05/17/72	05/31/72	06/14/72	07/12/72	07/26/72	08/09/72	08/23/72	09/06/72	09/20/72
ALUMINUM UG/L	96	65	90	160	250	75	70	59	55
ARSENIC UG/L	1	1	0	2	1	2	0	3	3
BARIUM UG/L	23	24	23	33	26	23	24	26	24
BERYLLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< .80	< 2.0	< 2.0	< 2.0	< .20
BICARBONATE MG/L	106	112	115	112	111	108	110	115	115
BISMUTH UG/L	< 3.0	< 4.0	< 4.0	< 9.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
BORON UG/L	15	10	12	13	9.0	11	11	7.0	15
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	37	41	38	38	38	39	39	41	40
CARBONATE MG/L	0	0	0	0	0	5	5	0	1
CHLORIDE MG/L	24	23	23	23	25	25	24	22	23
CHROMIUM UG/L	< 6	< 4	< 8	< 4	< 4	< 4	< 4	< 4	< 4
COBALT UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 2.0	< 3.0	< 4.0	< 4.0
COLIFORM COL/100 ML	76	150	370	400	47	270	54	30	160
COPPER UG/L	1.0	2.0	2.0	.90	2.0	2.0	2.0	2.0	2.0
CYANIDE MG/L	0	0	0	0	0	.01	0	0	0
DISS SOLIDS SUM MG/L	158	164	162	161	164	167	169	166	168
FLUORIDE MG/L	.20	.20	.20	.20	.20	.20	.10	.10	.10
GALLIUM UG/L	< 2.0	< 2.0	< 4.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
GERMANIUM UG/L	< 3.0	< 6.0	< 8.0	< 9.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
HARDNESS TOTAL MG/L	123	134	126	125	127	130	131	133	131
HARDNESS NONCARB MG/L	36	42	31	33	36	38	33	34	35
IRON UG/L	92	47	81	130	270	110	43	70	58
LEAD UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 3.0	< 4.0	< 3.0	< 3.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	7.5	7.6	7.5	7.4	7.7	8.0	8.2	7.4	7.6
MANGANESE UG/L	5.0	4.0	6.0	9.0	12	6.0	5.0	5.0	5.0
MBAS MG/L	.01	0	.02	.02	.02	.01	.01	.01	.01
MERCURY UG/L	.70	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	2.0	< 2.0	< 2.0
NICKEL UG/L	< 4.0	< 4.0	< 4.0	< 2.0	4.0	5.0	< 4.0	< 3.0	< 4.0
NITRATE AS N MG/L	.20	.18	.08	.09	.30	.08	.03	0	.04
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.98	.48	.30	.37	.40	.36	.30	.28	.29
PH UNITS	8.0	8.2	8.2	7.9	8.3	8.5	8.6	8.2	8.5
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.05	.01	.01	.02	.03	.02	.02	.02	.01
POTASSIUM MG/L	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.3	1.3
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	2	0	0	2	3	0	3
SILICA MG/L	.10	.10	0	.10	.30	.20	.20	.20	.30
SILVER UG/L	< .20	< .30	< .80	< .80	< .40	< .40	< .40	< .30	< .40
SODIUM MG/L	11	11	10	10	11	11	11	11	11
SPECIFIC COND UMHOS	308	308	309	309	307	306	308	310	307
STRONTIUM UG/L	130	140	150	170	150	130	150	170	170
SULFATE MG/L	25	25	25	26	26	24	26	26	27
TIN UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 3.0	< 4.0	< 4.0	< 4.0
TITANIUM UG/L	5.0	5.0	3.0	5.0	10	< 3.0	< 4.0	< 3.0	3.0
VANADIUM UG/L	< 4.0	< 4.0	< 2.0	< 2.0	< 3.0	< 2.0	< 3.0	< 3.0	< 3.0
ZINC UG/L	< 160	< 250	< 180	< 390	< 280	< 260	< 260	< 270	< 250
ZIRCONIUM UG/L	< 5.0	< 8.0	< 8.0	< 9.0	< 9.0	< 4.0	< 6.0	< 6.0	< 8.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NIAGARA COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	430434079001000	NIAGARA FALLS(C)-NIAGARA RIVER(WEST BRANCH)

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	10/04/72	10/18/72	11/01/72	11/15/72	11/29/72	12/13/72	12/27/72	01/10/73	01/24/73
ALUMINUM UG/L	36	800	57	50	1400	580	840	2500	6000
ARSENIC UG/L	0	2	0	0	0	0	10	0	0
BARIUM UG/L	26	36	26	26	< .50	32	28	43	62
BERYLLIUM UG/L	< 2.0	< .90	< .90	< .90	< 2.0	< .90	< 2.0	< 2.0	< 2.0
BICARBONATE MG/L	115	118	120	118	114	112	113	119	114
BISMUTH UG/L	< 4.0	< 5.0	< 4.0	< 4.0	< 5.0	< 4.0	< 4.0	< 5.0	< 5.0
BORON UG/L	13	15	12	17	18	18	24	20	42
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	40	42	40	40	41	42	41	42	39
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	24	23	23	23	23	24	24	23	23
CHROMIUM UG/L	< 4	5	< 4	< 4	6	< 3	< 4	5	12
COBALT UG/L	< 4.0	< 5.0	< 4.0	< 4.0	7.0	< 4.0	< 4.0	19	< 5.0
COLIFORM COL/100 ML	260	490	47	< 180	340	90	< 1	< 10	< 50
COPPER UG/L	1.0	3.0	2.0	1.0	3.0	2.0	2.0	2.0	4.0
CYANIDE MG/L	0	0	0	.01	.01	0	.01	0	.01
DISS SOLIDS SUM MG/L	166	170	166	166	169	168	167	173	167
FLUORIDE MG/L	.10	.10	.10	.10	.10	.10	.10	.10	.10
GALLIUM UG/L	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 3.0
GERMANIUM UG/L	< 4.0	< 5.0	< 4.0	< 4.0	< 5.0	< 4.0	< 4.0	< 5.0	< 5.0
HARDNESS TOTAL MG/L	132	137	132	133	135	138	136	139	131
HARDNESS NONCARB MG/L	37	40	34	36	34	46	43	42	37
IRON UG/L	49	940	54	80	1400	650	690	2000	4900
LEAD UG/L	< 4.0	5.0	< 4.0	< 3.0	4.0	3.0	< 4.0	< 5.0	5.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	7.7	7.7	7.8	8.0	8.0	8.0	8.1	8.4	8.1
MANGANESE UG/L	7.0	63	5.0	5.0	40	17	16	35	71
MBAS MG/L	.01	.01	.03	.01	.01	.01	.01	.02	.01
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	.80
MOLYBDENUM UG/L	1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 3.0
NICKEL UG/L	< 2.0	8.0	4.0	< 4.0	< 11	4.0	5.0	8.0	15
NITRATE AS N MG/L	.04	.09	.04	.08	.10	.20	.29	.30	.30
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.37	.39	.32	.21	.48	.28	.22	.46	.35
PH UNITS	8.3	8.2	8.2	8.0	8.0	7.7	7.9	7.8	7.9
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.01	.32	.01	.01	.05	.04	.04	.07	.06
POTASSIUM MG/L	1.3	1.3	1.1	1.3	1.5	1.2	1.2	1.2	1.4
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	2	6	0	4	2	2	2	2	2
SILICA MG/L	.30	.30	.10	0	.10	.20	.20	.40	.50
SILVER UG/L	< .90	< .50	< .40	< .40	--	< .40	< .40	< .50	< .50
SODIUM MG/L	11	11	11	11	11	12	11	11	12
SPECIFIC COND UMHOS	307	311	307	309	310	312	319	314	309
STRONTIUM UG/L	160	170	170	160	170	170	200	160	150
SULFATE MG/L	25	26	24	24	26	25	26	28	26
TIN UG/L	< 4.0	< 5.0	< 4.0	< 4.0	< 5.0	< 4.0	< 4.0	< 5.0	< 5.0
TITANIUM UG/L	< 2.0	64	3.0	3.0	50	24	38	130	290
VANADIUM UG/L	< 9.0	< 2.0	< 2.0	< 4.0	< 5.0	< 4.0	< 4.0	< 5.0	11
ZINC UG/L	< 180	< 280	0	20	20	20	10	20	30
ZIRCONIUM UG/L	< 9.0	< 7.0	< 6.0	< 6.0	< 7.0	< 6.0	< 4.0	< 5.0	17

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NIAGARA COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	430434079001000	NIAGARA FALLS(C)-NIAGARA RIVER(WEST BRANCH)

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	02/07/73	02/21/73	03/07/73	03/21/73	04/04/73	04/18/73	05/03/73	05/16/73	05/30/73
ALUMINUM UG/L	470	150	100	600	660	24	99	70	59
ARSENIC UG/L	0	0	0	0	0	0	0	0	0
BARIUM UG/L	25	21	24	28	24	30	23	20	22
BERYLLIUM UG/L	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
BICARBONATE MG/L	117	117	114	111	111	112	116	111	113
BISMUTH UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
BORON UG/L	17	11	12	18	16	20	15	8.0	17
CADMIUM UG/L	0	0	0	0	0	0	--	0	0
CALCIUM MG/L	38	43	39	39	40	39	40	39	40
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	23	24	22	22	22	20	24	27	24
CHROMIUM UG/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 2
COBALT UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 2.0
COLIFORM COL/100 ML	16	25	K 10	45	K 120	< 15	27	--	--
COPPER UG/L	1.0	1.0	1.0	3.0	2.0	2.0	2.0	< 1.0	1.0
CYANIDE MG/L	0	0	0	.02	.01	.02	.01	.02	0
DISS SOLIDS SUM MG/L	165	172	164	163	164	166	169	171	169
FLUORIDE MG/L	.20	.20	.10	.10	.20	.10	.20	.30	.30
GALLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
GERMANIUM UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
HARDNESS TOTAL MG/L	127	140	132	129	132	129	133	130	134
HARDNESS NONCARB MG/L	31	44	38	38	41	38	38	39	42
IRON UG/L	340	110	75	610	630	260	84	78	71
LEAD UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 2.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	--	--	--	0	0
MAGNESIUM MG/L	7.9	8.0	8.3	7.8	7.8	7.8	8.0	8.0	8.4
MANGANESE UG/L	8.0	3.0	2.0	12	13	11	5.0	5.0	4.0
MBAS MG/L	.01	.05	.02	.02	.01	.04	.02	.10	.04
MERCURY UG/L	< .50	< .50	< .50	.60	< .50	< .50	--	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
NICKEL UG/L	< 4.0	< 4.0	< 4.0	4.0	6.0	< 4.0	< 4.0	< 4.0	2.0
NITRATE AS N MG/L	.20	.20	.10	.20	.20	.20	.28	.29	.59
NITRITE AS N MG/L	--	--	--	--	--	--	--	.01	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.14	.35	.20	.24	.33	.69	.24	.40	.19
PH UNITS	8.0	7.9	7.9	7.8	7.7	7.7	7.9	7.7	7.9
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.02	.02	.02	.03	.03	.02	.02	.02	.02
POTASSIUM MG/L	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.3
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	1	2	2	1	1	1	1	1
SILICA MG/L	.30	.30	.20	.50	.20	.10	.10	.10	0
SILVER UG/L	< .40	< .40	< .40	< .40	< .40	< .40	< .40	< .40	< .50
SODIUM MG/L	11	11	11	11	11	12	11	12	12
SPECIFIC COND UMHOS	310	317	309	305	303	312	305	315	316
STRONTIUM UG/L	140	150	160	160	120	160	130	110	150
SULFATE MG/L	26	26	26	26	27	24	27	26	27
TIN UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
TITANIUM UG/L	18	5.0	5.0	23	17	5.0	< 4.0	< 4.0	< 3.0
VANADIUM UG/L	< 4.0	< 4.0	< 4.0	< 3.0	< 4.0	< 4.0	< 4.0	< 4.0	< 2.0
ZINC UG/L	10	0	0	20	10	20	--	0	0
ZIRCONIUM UG/L	< 9.0	< 9.0	< 5.0	< 6.0	< 9.0	< 9.0	< 8.0	< 9.0	< 8.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NIAGARA COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	430434079001000	NIAGARA FALLS(C)-NIAGARA RIVER(WEST BRANCH)

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	06/13/73	06/27/73	07/11/73	07/24/73	08/08/73	08/22/73	09/05/73	09/20/73	10/03/73
ALUMINUM UG/L	84	62	88	24	35	23	40	85	68
ARSENIC UG/L	0	0	0	10	0	0	0	0	< 1
BARIUM UG/L	20	19	24	22	23	22	27	25	23
BERYLLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
BICARBONATE MG/L	117	113	113	114	116	115	113	116	114
BISMUTH UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
BORON UG/L	10	10	8.0	13	12	4.0	10	13	14
CADMIUM UG/L	0	0	0	0	--	0	0	0	0
CALCIUM MG/L	38	40	38	39	38	38	38	35	39
CARBONATE MG/L	0	0	0	0	0	0	1	0	0
CHLORIDE MG/L	25	25	20	25	23	22	22	22	23
CHROMIUM UG/L	< 1	< 1	1	< 2	< 2	< 2	2	< 2	< 2
COBALT UG/L	< 3.0	< 3.0	< 3.0	< 2.0	< 2.0	< 4.0	< 4.0	< 4.0	< 4.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	2.0	1.0	2.0	2.0	2.0	1.0	2.0	1.0	1.0
CYANIDE MG/L	0	0	.01	.02	--	.01	.02	0	0
DISS SOLIDS SUM MG/L	164	166	157	165	162	160	162	157	159
FLUORIDE MG/L	.30	.20	.20	.30	.30	.30	.50	.70	.40
GALLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
GERMANIUM UG/L	< 4.0	< 4.0	< 4.0	4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
HARDNESS TOTAL MG/L	120	134	129	131	124	124	127	120	131
HARDNESS NONCARB MG/L	32	41	36	37	33	34	33	25	37
IRON UG/L	75	45	80	17	44	10	25	100	67
LEAD UG/L	< 4.0	< 4.0	< 2.0	< 3.0	4.0	< 4.0	< 4.0	< 4.0	< 4.0
LITHIUM UG/L	0	0	0	0	2.0	0	0	0	0
MAGNESIUM MG/L	8.0	8.3	8.3	8.1	8.0	8.2	7.4	8.0	8.1
MANGANESE UG/L	3.0	3.0	4.0	3.0	5.0	< 3.0	4.0	8.0	4.0
MBAS MG/L	.02	.02	0	.01	.01	0	0	0	.01
MERCURY UG/L	< .50	< .50	50	.40	--	< .50	4.8	< .50	< .50
MOLYBDENUM UG/L	1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
NICKEL UG/L	< 2.0	< 3.0	< 2.0	< 2.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
NITRATE AS N MG/L	.30	.28	.29	.24	.23	.08	.06	.06	.06
NITRITE AS N MG/L	0	.02	.02	.00	.01	.01	.01	.01	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.23	.39	.25	.23	--	.20	.27	.16	.16
PH UNITS	8.1	8.1	8.1	8.1	7.8	8.3	8.4	8.0	8.0
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.02	.02	.02	.01	--	.02	.01	.01	.01
POTASSIUM MG/L	1.2	1.3	1.3	1.2	1.4	1.5	1.4	1.3	1.4
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	0	0	1	--	1	--	2	1
SILICA MG/L	.18	.20	.30	.30	.20	.20	.20	.30	.20
SILVER UG/L	< .40	< .40	< .40	< .40	< .50	0	0	0	< .60
SODIUM MG/L	10	11	10	10	10	10	10	10	7.0
SPECIFIC COND UMHOS	294	290	301	305	302	294	299	306	305
STRONTIUM UG/L	120	83	150	110	130	130	190	140	170
SULFATE MG/L	23	24	23	25	24	23	25	23	24
TIN UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
TITANIUM UG/L	< 3.0	< 4.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
VANADIUM UG/L	< 2.0	< 3.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
ZINC UG/L	0	0	30	30	--	10	20	40	20
ZIRCONIUM UG/L	< 6.0	< 6.0	< 6.0	< 6.0	< 7.0	< 7.0	< 6.0	< 6.0	< 6.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NIAGARA COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	43043+079001000	NIAGARA FALLS(C)-NIAGARA RIVER(WEST BRANCH)

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	10/16/73	10/31/73	11/14/73	11/29/73	12/12/73	12/28/73	01/09/74	01/22/74	02/06/74
ALUMINUM UG/L	470	35	550	480	820	670	410	1500	350
ARSENIC UG/L	1	0	1	1	1	1	0	0	1
BARIUM UG/L	26	30	33	34	34	30	30	40	36
BERYLLIUM UG/L	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0
BICARBONATE MG/L	114	117	118	113	114	112	116	113	118
BISMUTH UG/L	< 4.0	< 4.0	< 5.0	< 5.0	< 5.0	< 4.0	< 5.0	< 5.0	< 3.0
BORON UG/L	16	20	20	24	22	17	20	25	24
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	37	36	36	35	38	36	36	37	39
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	23	23	23	24	23	24	23	24	23
CHROMIUM UG/L	4	< 2	< 2	< 2	< 2	< 2	< 2	3	< 2
COBALT UG/L	< 4.0	< 4.0	< 5.0	< 4.0	< 3.0	< 3.0	< 3.0	< 5.0	< 4.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	2.0	1.0	2.0	2.0	2.0	1.0	2.0	2.0	1.0
CYANIDE MG/L	0	.01	.01	.01	.02	0	0	0	.01
DISS SOLIDS SUM MG/L	154	160	164	160	165	158	159	162	160
FLUORIDE MG/L	.30	.30	.30	.30	.50	.30	.30	.10	.20
GALLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0
GERMANIUM UG/L	< 4.0	< 4.0	< 5.0	< 4.0	< 5.0	< 5.0	< 5.0	< 5.0	< 4.0
HARDNESS TOTAL MG/L	133	124	124	124	130	124	123	127	133
HARDNESS NONCARB MG/L	40	29	28	32	34	33	28	35	36
IRON UG/L	470	57	600	550	950	550	620	1400	240
LEAD UG/L	< 4.0	< 4.0	< 5.0	2.0	< 5.0	< 4.0	< 4.0	< 5.0	< 3.0
LITHIUM UG/L	0	0	0	0	0	0	0	0	0
MAGNESIUM MG/L	9.9	8.4	8.4	9.0	8.6	8.4	8.0	8.5	8.6
MANGANESE UG/L	10	3.0	16	16	25	14	15	35	7.0
MBAS MG/L	.01	0	0	.01	.02	.03	0	0	0
MERCURY UG/L	< .50	.70	< .50	< .50	< .50	< .50	< .50	< .50	.70
MOLYBDENUM UG/L	< 2.0	2.0	< 2.0	2.0	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0
NICKEL UG/L	4.0	< 4.0	4.0	5.0	10	5.0	< 4.0	6.0	< 2.0
NITRATE AS N MG/L	.07	.07	.13	.14	.21	.18	.19	.20	.24
NITRITE AS N MG/L	.01	.00	.01	.01	.01	.01	.00	.01	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.16	.16	.25	.10	.41	.23	.22	.22	.20
PH UNITS	7.7	8.0	7.9	7.9	8.0	7.9	8.1	7.8	7.9
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.03	.01	.03	.03	.03	.03	.02	.04	.02
POTASSIUM MG/L	1.6	1.5	1.5	1.8	1.5	1.1	1.3	1.4	1.4
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	2	1	0	1	1	1	1	< 1
SILICA MG/L	.26	.14	.29	.20	.16	.10	.10	.10	.10
SILVER UG/L	< .60	< .70	< .70	< .40	< .50	< .40	< .50	< .50	< .50
SODIUM MG/L	8.5	10	12	11	12	10	11	11	10
SPECIFIC CONU UMHOS	306	303	307	308	311	306	306	309	307
STRONTIUM UG/L	170	210	200	190	150	170	170	180	230
SULFATE MG/L	24	23	24	23	23	23	22	24	27
TIN UG/L	< 4.0	< 4.0	< 5.0	< 5.0	< 5.0	< 4.0	< 5.0	< 5.0	< 4.0
TITANIUM UG/L	22	< 2.0	25	18	60	26	12	10	16
VANADIUM UG/L	17	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	2.0	< 2.0
ZINC UG/L	30	10	40	20	90	20	50	60	0
ZIRCONIUM UG/L	< 6.0	< 6.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 7.0	< 7.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NIAGARA COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	430434079001000	NIAGARA FALLS(C)-NIAGARA RIVER(WEST BRANCH)

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	02/20/74	03/05/74	03/20/74	04/03/74	04/16/74	04/30/74	06/20/74	09/05/74	12/03/74
ALUMINUM UG/L	95	100	450	260	3300	270	240	30	130
ARSENIC UG/L	1	2	2	2	1	2	1	1	2
BARIUM UG/L	31	29	32	32	53	28	25	25	30
BERYLLIUM UG/L	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< .40	< 2.0	< .40	< .30
BICARBONATE MG/L	114	113	111	109	109	106	109	110	110
BISMUTH UG/L	< 3.0	< 4.0	< 4.0	< 4.0	< 5.0	< 4.0	< 4.0	< 2.0	< 2.0
BORON UG/L	20	25	11	16	22	16	10	15	8.8
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	37	37	38	36	37	34	44	37	38
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	24	23	24	25	22	22	22	23	21
CHROMIUM UG/L	< 2	< 2	< 2	< 2	7	< 2	< 2	< 1	< 2
COBALT UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0	< 4.0	< 3.0	< 2.0	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	1.0	2.0	2.0	2.0	2.0	1.0	2.0	1.0	1.0
CYANIDE MG/L	0	0	0	0	0	0	0	.01	.01
DISS SOLIDS SUM MG/L	161	159	160	158	155	151	164	164	161
FLUORIDE MG/L	.30	.20	.10	.10	.10	.10	.20	.20	.20
GALLIUM UG/L	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< .60
GERMANIUM UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0	< 4.0	< 4.0	< 2.0	< 2.0
HARDNESS TOTAL MG/L	125	125	130	122	124	117	145	127	128
HARDNESS NONCARB MG/L	32	33	39	32	35	30	55	30	33
IRON UG/L	84	80	450	230	2600	300	240	30	140
LEAD UG/L	< 3.0	< 3.0	< 4.0	< 4.0	< 3.0	< 3.0	< 4.0	< 2.0	< 2.0
LITHIUM UG/L	0	0	0	0	0	0	2.0	2.0	1.8
MAGNESIUM MG/L	8.0	8.0	8.6	7.7	7.8	7.9	8.5	8.4	8.9
MANGANESE UG/L	3.0	4.0	10	7.0	43	10	8.0	12	7.0
MBAS MG/L	0	0	0	.01	.01	.01	.02	.02	0
MERCURY UG/L	< .50	.50	< .50	< .50	< .50	< .50	< .50	.50	< .50
MOLYBDENUM UG/L	1.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	1.0	1.0
NICKEL UG/L	< 2.0	< 3.0	4.0	< 4.0	7.0	3.0	< 3.0	< 2.0	2.0
NITRATE AS N MG/L	.20	.25	.19	.29	.32	.33	.49	.10	.15
NITRITE AS N MG/L	0	.01	0	.01	.01	.01	.01	0	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.10	.24	.21	.12	.32	.25	.36	.22	.20
PH UNITS	7.9	7.9	7.9	7.9	7.8	7.9	7.8	7.8	7.9
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.01	.01	.03	.02	.05	.02	.04	.02	0
POTASSIUM MG/L	1.5	1.4	1.4	1.4	1.6	1.3	1.1	1.2	1.3
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	1	1	0	0	2	2	2	0
SILICA MG/L	.10	.10	.10	.10	.10	0	.10	.40	.10
SILVER UG/L	< .40	< .40	< .40	< .40	< .50	< .40	< .40	< .20	< .20
SODIUM MG/L	10	9.8	9.8	10	9.0	9.1	10	11	11
SPECIFIC CONJ UMHOS	307	301	283	284	271	290	350	395	435
STRONTIUM UG/L	170	190	200	190	170	200	188	160	140
SULFATE MG/L	24	24	23	24	23	24	24	25	24
TIN UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0	< 4.0	< 4.0	< 2.0	< 2.0
TITANIUM UG/L	4.0	4.0	15	9.0	320	6.0	5.0	2.0	7.0
VANADIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	6.0	< 2.0	< 2.0	< .60	< .60
ZINC UG/L	20	10	30	30	180	20	270	0	0
ZIRCONIUM UG/L	< 6.0	< 7.0	< 4.0	< 8.0	< 7.0	< 7.0	< 6.0	< 2.0	< 3.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NIAGARA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	430434079001000	NIAGARA FALLS(C)-NIAGARA RIVER(WEST BRANCH)
B	430434079001001	NIAGARA FALLS(C)-NIAGARA RIVER(WEST BRANCH)

SYSTEM(S) ON THIS PAGE..	A	B	B	B	B	B	B	B	B
TYPE OF WATER SAMPLED...	RAW	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	03/05/75	11/16/70	07/13/71	10/19/71	01/18/72	04/11/72	05/16/73	05/30/73	06/13/73
ALUMINUM UG/L	460	66	71	130	44	42	140	140	280
ARSENIC UG/L	0	10	0	2	0	1	0	0	0
BARIUM UG/L	28	28	23	31	28	29	21	20	24
BERYLLIUM UG/L	< .30	< .50	< .80	< 1.0	< .90	< 2.0	< 2.0	< 2.0	< 2.0
BICARBONATE MG/L	117	114	106	112	101	109	102	105	108
BISMUTH UG/L	< 2.0	< 3.0	< 4.0	< 5.0	< 4.0	< 5.0	< 4.0	< 4.0	< 4.0
BORON UG/L	24	18	9.0	23	14	13	8.0	17	9.0
CADMIUM UG/L	0	--	0	0	0	0	0	0	0
CALCIUM MG/L	38	40	38	39	39	40	41	41	40
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	23	27	27	26	26	25	29	26	24
CHROMIUM UG/L	< 1	< 5	< 4	< 3	2	< 9	< 4	< 2	< 1
COBALT UG/L	< 1.0	< 5.0	< 2.0	< 5.0	< 4.0	< 9.0	< 4.0	< 2.0	< 3.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	2.0	.70	2.0	6.0	8.0	2.0	< .90	1.0	2.0
CYANIDE MG/L	.01	0	0	0	0	0	.03	.01	0
DISS SOLIDS SUM MG/L	165	167	165	166	175	169	174	173	161
FLUORIDE MG/L	.20	.30	1.3	1.2	1.3	1.1	1.3	1.3	1.0
GALLIUM UG/L	< .40	ND	< 3.0	< 1.0	< .90	< 5.0	< 2.0	< 2.0	< 2.0
GERMANIUM UG/L	< 2.0	< 5.0	< 6.0	< 7.0	< 4.0	< 9.0	< 4.0	< 4.0	< 4.0
HARDNESS TOTAL MG/L	128	127	126	126	131	133	136	137	133
HARDNESS NONCARB MG/L	32	33	39	34	48	43	52	50	51
IRON UG/L	450	8.0	23	24	31	26	9.0	4.0	9.0
LEAD UG/L	< 2.0	< 5.0	< 3.0	< 3.0	< 2.0	< 5.0	< 4.0	< 2.0	< 4.0
LITHIUM UG/L	2.0	3.0	3.0	< 10	10	< 10	0	10	0
MAGNESIUM MG/L	8.0	6.5	7.6	6.9	6.2	8.0	8.1	8.3	8.1
MANGANESE UG/L	10	< 3.0	< 4.0	4.0	< 2.0	5.0	< 3.0	< 3.0	< 2.0
MBAS MG/L	0	--	.02	.01	.02	.01	.07	.03	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	.80	< .50	< .50
MOLYBDENUM UG/L	1.0	1.0	1.0	2.0	< 2.0	1.0	< 2.0	< 2.0	1.0
NICKEL UG/L	3.0	< 5.0	< 2.0	< 5.0	< 4.0	< 9.0	< 4.0	< 2.0	< 2.0
NITRATE AS N MG/L	.15	.10	0	0	.20	.10	.30	.60	.38
NITRITE AS N MG/L	.01	0	0	--	--	--	.00	.00	0
NITROGEN NH4 AS N MG/L	--	.01	.10	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.22	--	.18	.30	.08	.13	.16	.19	.05
PH UNITS	7.6	7.9	7.9	7.6	7.2	7.5	7.6	7.5	7.1
PHENOLS UG/L	--	0	0	6.0	0	4.0	--	--	--
PHOSPHORUS AS P MG/L	.02	.03	.01	.02	.01	.06	.01	.01	.01
POTASSIUM MG/L	1.4	1.0	1.3	1.4	1.3	1.3	1.2	1.3	1.2
RUBIDIUM UG/L	--	< 2.0	1.0	--	--	--	--	--	--
SELENIUM UG/L	1	2	3	0	0	0	2	1	0
SILICA MG/L	.10	.10	.60	.70	.70	.60	.70	.70	.65
SILVER UG/L	< .20	< .20	< .30	< .30	< .40	< .90	< .40	< .50	< .40
SODIUM MG/L	11	11	12	12	12	11	12	12	10
SPECIFIC COND UMHOS	305	320	309	313	324	315	319	317	306
STRONTIUM UG/L	160	170	130	210	180	170	158	150	128
SULFATE MG/L	26	25	25	24	37	28	30	30	27
TIN UG/L	< 2.0	< 5.0	< 6.0	< 7.0	< 4.0	< 9.0	< 4.0	< 4.0	< 4.0
TITANIUM UG/L	20	< 5.0	< 3.0	< 5.0	< 2.0	< 5.0	< 4.0	< 3.0	< 3.0
VANADIUM UG/L	< .60	< 5.0	< 2.0	< 3.0	2.0	< 5.0	< 4.0	< 2.0	< 2.0
ZINC UG/L	0	< 180	< 230	< 300	< 230	< 420	10	0	0
ZIRCONIUM UG/L	< 2.0	ND	< 8.0	< 10	< 10	< 9.0	< 9.0	< 8.0	< 6.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NIAGARA COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND 9dd SOURCE OF WATER SAMPLED
	A	430434079001001	NIAGARA FALLS(C)-NIAGARA RIVER(WEST BRANCH)

SYSTEM(S) ON THIS PAGE...	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	06/27/73	07/11/73	07/24/73	08/08/73	08/22/73	09/05/73	09/20/73	10/03/73	10/16/73
ALUMINUM UG/L	270	300	480	300	120	130	150	150	90
ARSENIC UG/L	0	0	0	0	0	0	1	0	1
BARIUM UG/L	24	24	26	22	22	25	24	26	25
BERYLLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
BICARBONATE MG/L	107	104	109	111	112	104	108	104	102
BISMUTH UG/L	< 4.0	< 4.0	< 4.0	< 5.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
BORON UG/L	12	9.0	13	11	10	7.0	14	13	15
CADMIUM UG/L	0	< 2	0	0	0	0	0	0	0
CALCIUM MG/L	36	36	38	39	38	36	35	34	33
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	26	25	27	25	24	24	25	24	25
CHROMIUM UG/L	< 1	< 1	< 2	< 2	< 2	2	< 2	< 2	< 2
COBALT UG/L	< 3.0	< 3.0	< 2.0	< 2.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	2.0	2.0	2.0	2.0	1.0	2.0	2.0	< 1.0	2.0
CYANIDE MG/L	.01	.01	.02	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	162	155	168	164	161	162	160	156	160
FLUORIDE MG/L	.20	.30	.30	.20	.30	1.4	1.9	.90	.20
GALLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
GERMANIUM UG/L	< 4.0	< 4.0	< 4.0	< 5.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
HARDNESS TOTAL MG/L	128	128	128	132	129	128	120	119	124
HARDNESS NONCARB MG/L	40	43	38	41	37	39	32	33	40
IRON UG/L	18	7.0	24	13	4.0	5.0	8.0	7.0	7.0
LEAD UG/L	< 4.0	< 2.0	< 3.0	< 3.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
LITHIUM UG/L	0	0	0	3.0	0	0	0	0	0
MAGNESIUM MG/L	8.0	8.1	8.0	8.4	8.2	8.0	8.0	8.2	10
MANGANESE UG/L	< 2.0	< 2.0	< 2.0	< 3.0	< 3.0	< 3.0	2.0	< 3.0	< 3.0
MBAS MG/L	.02	.01	.01	0	0	0	0	0	.01
MERCURY UG/L	< .50	< .50	.90	--	< .50	1.3	< .50	< .50	< .50
MOLYBDENUM UG/L	1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
NICKEL UG/L	< 2.0	< 2.0	< 2.0	< 3.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
NITRATE AS N MG/L	.20	.29	.13	.09	.09	.07	.08	.06	.07
NITRITE AS N MG/L	.00	.01	.01	.01	.09	.01	.00	.00	.00
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.14	.35	.16	.16	.15	.32	.13	.14	.09
PH UNITS	7.8	7.8	7.8	7.8	8.0	8.0	7.7	8.0	7.6
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.01	.01	.01	.00	.01	.01	.02	.01	.01
POTASSIUM MG/L	1.3	1.3	1.3	1.3	1.5	1.4	1.3	1.4	1.8
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	2	0	0	--	3	1	1
SILICA MG/L	.18	.26	.20	.10	.20	.80	1.0	.50	.51
SILVER UG/L	< .40	< .40	< .40	< .50	0	0	0	< .60	< .60
SODIUM MG/L	11	10	11	10	10	10	11	10	10
SPECIFIC CND UMHOS	303	308	308	304	302	304	309	303	315
STRONTIUM UG/L	130	140	130	150	150	170	140	190	170
SULFATE MG/L	24	21	28	25	24	25	24	24	29
TIN UG/L	< 4.0	< 4.0	< 4.0	< 5.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
TITANIUM UG/L	< 3.0	< 3.0	< 3.0	< 4.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
VANADIUM UG/L	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
ZINC UG/L	0	10	40	30	20	60	0	20	10
ZIRCONIUM UG/L	< 6.0	< 6.0	< 6.0	7.0	< 7.0	< 6.0	< 6.0	< 6.0	< 6.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NIAGARA COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	430434079001001	NIAGARA FALLS(C)-NIAGARA RIVER(WEST BRANCH)

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	10/31/73	11/14/73	11/29/73	12/12/73	12/26/73	01/09/74	01/22/74	02/06/74	02/20/74
ALUMINUM UG/L	150	140	130	57	60	63	56	80	82
ARSENIC UG/L	1	1	1	< 1	1	0	1	< 1	1
BARIUM UG/L	30	25	28	26	22	26	27	31	28
BERYLLIUM UG/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0
BICARBONATE MG/L	113	109	108	104	108	109	105	111	104
BISMUTH UG/L	< 4.0	< 4.0	< 5.0	< 4.0	< 4.0	< 5.0	< 4.0	< 3.0	< 3.0
BORON UG/L	19	13	17	20	14	15	20	17	19
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	37	36	37	37	36	40	38	39	37
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	26	25	25	25	25	26	24	24	25
CHROMIUM UG/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
COBALT UG/L	< 4.0	< 4.0	< 4.0	< 3.0	< 1.0	< 3.0	< 4.0	< 4.0	< 4.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	< 1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	2.0
CYANIDE MG/L	0	0	.01	.01	0	0	0	.01	0
DISS SOLIDS SUM MG/L	164	165	160	163	159	167	164	169	16[illegible]
FLUORIDE MG/L	.30	1.2	1.3	1.4	.30	.40	.10	.9[illegible]	1.3
GALLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 1.0
GERMANIUM UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0	< 5.0	< 4.0	< 4.0	< 4.0
HARDNESS TOTAL MG/L	128	124	125	126	124	133	130	133	124
HARDNESS NONCARB MG/L	35	35	36	41	36	43	44	42	39
IRON UG/L	8.0	6.0	10	3.0	4.0	5.0	5.0	10	12
LEAD UG/L	< 4.0	< 4.0	< 2.0	< 4.0	< 4.0	< 4.0	< 4.0	< 3.0	< 3.0
LITHIUM UG/L	0	0	0	0	0	0	0	0	0
MAGNESIUM MG/L	8.6	8.4	7.9	8.2	8.4	8.0	8.5	8.6	7.8
MANGANESE UG/L	< 2.0	< 3.0	< 2.0	< 2.0	< 2.0	< 2.0	< 3.0	< 3.0	< 3.0
H2S MG/L	0	0	0	.01	.01	.01	0	0	0
MERCURY UG/L	.70	< .50	2.7	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	2.0	< 2.0	2.0	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	1.0
NICKEL UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 2.0	< 2.0
NITRATE AS N MG/L	.07	.13	.13	.19	.19	.19	.20	.26	.21
NITRITE AS N MG/L	.00	.01	.01	.01	.00	0	0	0	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.16	.09	0	.06	.15	.08	.11	.08	.04
PH UNITS	8.0	7.5	7.5	7.7	7.5	7.5	7.4	7.3	7.3
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.01	.01	.01	.01	.01	0	0	0	.01
POTASSIUM MG/L	1.5	1.5	1.4	1.5	1.2	2.4	1.4	1.5	1.5
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	2	2	1	1	2	3	1
SILICA MG/L	.05	.74	.69	.75	.18	.10	.10	.50	.60
SILVER UG/L	< .70	< .60	< .40	< .40	< .40	< .50	< .50	< .50	< .40
SODIUM MG/L	10	12	11	11	10	11	11	10	10
SPECIFIC COND UMHOS	304	309	310	314	309	314	312	315	312
STRONTIUM UG/L	210	180	180	150	140	170	170	210	180
SULFATE MG/L	25	26	22	27	25	25	29	30	27
TIN UG/L	< 4.0	< 4.0	< 5.0	< 4.0	< 4.0	< 5.0	< 4.0	< 4.0	< 4.0
TITANIUM UG/L	< 2.0	< 2.0	2.0	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 2.0
VANADIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
ZINC UG/L	10	20	10	10	20	0	30	0	10
ZIRCONIUM UG/L	< 6.0	< 4.0	< 5.0	< 4.0	< 5.0	< 5.0	< 6.0	< 7.0	< 6.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NIAGARA COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND MAN SOURCE OF WATER SAMPLED
	A	430434079001001	NIAGARA FALLS(C)-NIAGARA RIVER(WEST BRANCH)

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	03/05/74	03/20/74	04/03/74	04/16/74	04/30/74	06/20/74	09/05/74	12/03/74	03/05/75
ALUMINUM UG/L	120	60	110	60	100	140	130	75	110
ARSENIC UG/L	1	1	1	0	2	2	1	0	0
BARIUM UG/L	25	27	28	27	27	26	27	26	27
BERYLLIUM UG/L	< 1.0	< 1.0	< 2.0	< .40	< .90	< 2.0	< .40	< .30	< .30
BICARBONATE MG/L	100	100	103	96	100	103	110	111	107
BISMUTH UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 2.0	< 2.0	< 1.0
BORON UG/L	24	11	14	11	15	17	15	9.0	20
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	36	37	35	35	37	36	36	37	37
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	24	23	24	23	24	25	25	23	23
CHROMIUM UG/L	< 2	< 2	< 2	< 2	< 2	< 2	< 1	< 2	< 1
COBALT UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 3.0	< 2.0	< 2.0	< 1.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	1.0	1.0	1.0	1.0	1.0	2.0	1.0	.80	2.0
CYANIDE MG/L	0	0	0	0	0	0	0	.01	.01
DISS SOLIDS SUM MG/L	160	156	157	152	155	157	164	162	159
FLUORIDE MG/L	1.0	1.3	1.0	1.1	1.3	.30	1.0	.10	1.2
GALLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< .30	< .60	< .40
GERMANIUM UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 2.0	< 2.0	< 2.0
HARDNESS TOTAL MG/L	124	128	120	118	126	124	125	124	123
HARDNESS NONCARB MG/L	36	46	35	39	44	40	35	33	36
IRON UG/L	13	10	40	20	23	40	10	4.0	25
LEAD UG/L	< 3.0	< 4.0	< 4.0	< 3.0	< 3.0	< 4.6	< 2.0	< 2.0	< 2.0
LITHIUM UG/L	0	0	0	0	0	2.0	2.0	4.0	3.0
MAGNESIUM MG/L	8.4	8.7	7.9	7.4	9.2	8.3	8.6	7.8	7.5
MANGANESE UG/L	< 3.0	< 2.0	< 3.0	< 3.0	3.0	3.0	5.0	< .80	1.0
MBAS MG/L	0	0	.02	.02	.01	.03	.02	0	0
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	.50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	1.0	1.0	1.0
NICKEL UG/L	< 3.0	< 3.0	< 4.0	< 2.0	< 2.0	< 3.0	< 2.0	.70	1.0
NITRATE AS N MG/L	.24	.19	.30	.37	.35	.52	.10	.15	.17
NITRITE AS N MG/L	.01	0	0	.01	0	0	0	0	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.04	.12	.02	.10	.18	.20	.15	.11	.15
PH UNITS	7.5	7.3	7.4	7.4	7.4	7.5	7.4	7.0	7.2
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.01	.01	.02	.02	.01	.01	.02	0	.01
POTASSIUM MG/L	1.4	1.3	1.4	1.4	1.3	1.1	1.0	1.2	1.5
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	2	0	0	0	0	2	0	0
SILICA MG/L	.50	.70	.60	.70	.40	.10	.90	.10	.70
SILVER UG/L	< .40	< .40	< .40	< .40	< .40	< .40	< .20	< .20	< .20
SODIUM MG/L	10	9.7	10	9.0	9.5	10	11	11	11
SPECIFIC COND UMHOS	301	287	294	277	293	300	400	420	306
STRONTIUM UG/L	180	180	190	170	190	170	160	130	180
SULFATE MG/L	25	25	24	27	24	25	26	27	25
TIN UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 2.0	< 2.0	< 1.0
TITANIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 1.0	< .80	2.0
VANADIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< .60	< .60	< .40
ZINC UG/L	10	50	250	30	0	70	50	0	10
ZIRCONIUM UG/L	< 8.0	< 4.0	< 8.0	< 6.0	< 6.0	< 6.0	< 2.0	< 3.0	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NIAGARA COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	430134078531100	NORTH TONAWANDA(V)-NIAGARA RIVER(EAST BRANCH)

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	07/13/71	10/19/71	01/18/72	04/11/72	05/17/72	05/31/72	06/14/72	07/12/72	07/26/72
ALUMINUM UG/L	31	70	2400	43	77	50	130	110	170
ARSENIC UG/L	3	4	1	1	1	2	0	0	3
BARIUM UG/L	23	31	48	26	27	26	26	25	27
BERYLLIUM UG/L	< .90	< 1.0	< 2.0	< 2.0	< 2.0	< .70	< 2.0	< 2.0	< .60
BICARBONATE MG/L	110	118	119	115	103	112	115	115	111
BISMUTH UG/L	< 4.0	< 5.0	< 5.0	< 4.0	< 3.0	< 4.0	< 4.0	< 4.0	< 4.0
BORON UG/L	12	24	33	11	17	18	10	28	9.0
CADMIUM UG/L	0	0	4	0	0	0	0	0	0
CALCIUM MG/L	41	38	40	40	37	40	38	38	38
CARBONATE MG/L	4	0	0	0	0	0	0	0	0
CHLORIDE MG/L	25	23	24	24	24	23	24	23	25
CHROMIUM UG/L	< 4	< 3	13	< 4	< 4	< 4	< 9	< 4	< 4
COBALT UG/L	< 2.0	< 5.0	< 5.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
COLIFORM COL/100 ML	--	--	--	--	480	E 1v000	790	--	3200
COPPER UG/L	2.0	2.0	42	2.0	1.0	1.0	2.0	2.0	2.0
CYANIDE MG/L	0	0	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	167	164	173	166	157	165	163	164	164
FLUORIDE MG/L	.20	.20	.20	.20	.20	.10	.20	.20	.20
GALLIUM UG/L	< 3.0	< 1.0	< 3.0	< 2.0	< 2.0	< 2.0	< 4.0	< 4.0	< 4.0
GERMANIUM UG/L	< 6.0	< 7.0	< 11	< 6.0	< 6.0	< 6.0	< 9.0	< 9.0	< 9.0
HARDNESS TOTAL MG/L	133	124	133	132	122	131	126	128	127
HARDNESS NONCARB MG/L	36	27	35	38	37	39	31	34	36
IRON UG/L	57	120	3100	56	120	52	140	180	150
LEAD UG/L	< 3.0	< 3.0	24	< 6.0	< 4.0	3.0	< 4.0	< 4.0	< 4.0
LITHIUM UG/L	3.0	< 10	< 10	< 10	< 10	< 10	< 10	--	< 10
MAGNESIUM MG/L	7.4	7.0	8.0	7.6	7.1	7.5	7.5	8.1	7.7
MANGANESE UG/L	6.0	10	84	2.0	6.0	4.0	9.0	19	12
MBAS MG/L	.01	.01	.01	.01	.02	.02	.02	.01	.01
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	1.0	2.0	< 3.0	< 2.0	2.0	< 2.0	< 2.0	< 2.0	< 2.0
NICKEL UG/L	< 2.0	< 5.0	22	< 4.0	< 4.0	< 4.0	4.0	< 4.0	< 3.0
NITRATE AS N MG/L	0	0	.20	.10	.20	.10	.10	.40	.40
NITRITE AS N MG/L	.01	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	.02	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.54	.25	.37	.26	1.0	.52	.69	.58	.41
PH UNITS	8.5	8.2	8.0	7.4	7.8	8.1	8.2	7.8	8.0
PHENOLS UG/L	1.0	5.0	2.0	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.02	.02	.05	.01	.02	.01	.02	.05	.04
POTASSIUM MG/L	1.6	1.5	1.3	1.3	1.2	1.3	1.2	1.2	1.2
RUBIDIUM UG/L	.80	--	--	--	--	--	--	--	--
SELENIUM UG/L	5	0	1	0	2	0	1	2	1
SILICA MG/L	.10	.20	.20	.10	.10	0	.20	.20	.30
SILVER UG/L	< .30	< .30	< 2.0	< .40	< .20	< .30	< .80	< .30	< .40
SODIUM MG/L	11	12	12	11	12	11	11	11	11
SPECIFIC COND UMHOS	303	306	318	311	295	307	309	312	304
STRONTIUM UG/L	130	190	190	190	130	140	160	160	130
SULFATE MG/L	22	24	27	25	25	27	24	25	25
TIN UG/L	< 6.0	< 7.0	< 11	< 4.0	< 4.0	< 4.0	< 4.0	< 10	< 4.0
TITANIUM UG/L	< 3.0	< 5.0	140	4.0	5.0	4.0	4.0	4.0	13
VANADIUM UG/L	< 2.0	< 3.0	4.0	< 3.0	< 4.0	< 3.0	< 2.0	< 4.0	< 3.0
ZINC UG/L	< 250	< 290	< 500	< 200	< 170	< 240	< 180	< 400	< 290
ZIRCONIUM UG/L	< 9.0	< 10	< 11	< 20	< 6.0	< 8.0	< 9.0	< 9.0	< 8.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NIAGARA COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	430134078531100	NORTH TONAWANDA(V)-NIAGARA RIVER(EAST BRANCH)

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	08/09/72	08/23/72	09/06/72	09/20/72	10/04/72	10/18/72	11/01/72	11/15/72	11/29/72
ALUMINUM UG/L	100	47	47	30	55	990	75	90	1900
ARSENIC UG/L	0	0	4	2	0	0	0	0	10
BARIUM UG/L	28	25	23	24	24	33	27	28	41
BERYLLIUM UG/L	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.0	< .80	< 2.0
BICARBONATE MG/L	114	113	117	115	110	117	120	110	118
BISMUTH UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 9.0	< 4.0	< 4.0	< 5.0
BORON UG/L	15	10	8.0	10	20	23	16	17	19
CADMIUM UG/L	0	0	0	0	0	0	0	--	0
CALCIUM MG/L	39	40	40	40	41	40	40	38	41
CARBONATE MG/L	0	1	0	1	0	0	0	0	0
CHLORIDE MG/L	23	25	23	24	24	24	23	23	23
CHROMIUM UG/L	< 4	< 4	< 4	< 4	< 4	< 9	< 4	< 4	8
COBALT UG/L	< 2.0	< 3.0	< 4.0	< 4.0	< 4.0	< 5.0	< 4.0	< 4.0	< 5.0
COLIFORM COL/100 ML	1600	1700	MR	1900	210	870	200	530	490
COPPER UG/L	2.0	1.0	2.0	2.0	1.0	3.0	1.0	1.0	3.0
CYANIDE MG/L	0	0	.01	0	0	.01	0	0	0
DISS SOLIDS SUM MG/L	163	167	166	160	172	171	166	163	170
FLUORIDE MG/L	.20	.10	.30	.10	.10	.10	.10	.10	.10
GALLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0
GERMANIUM UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 9.0	< 4.0	< 4.0	< 5.0
HARDNESS TOTAL MG/L	129	133	132	131	134	134	132	127	135
HARDNESS NONCARB MG/L	36	38	36	35	34	38	34	31	34
IRON UG/L	120	38	72	48	44	970	65	93	1500
LEAD UG/L	< 3.0	< 4.0	< 3.0	< 3.0	< 3.0	< 9.0	< 4.0	< 3.0	22
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	7.7	8.0	7.7	7.6	7.8	8.2	7.8	7.9	8.0
MANGANESE UG/L	9.0	5.0	8.0	4.0	6.0	46	4.0	6.0	50
MBAS MG/L	.01	.02	.02	0	.02	.01	.02	.02	.01
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	--	< .50
MOLYBDENUM UG/L	< 2.0	1.0	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
NICKEL UG/L	< 4.0	< 4.0	< 3.0	< 4.0	< 4.0	7.0	< 4.0	< 4.0	6.0
NITRATE AS N MG/L	.10	.04	.10	.04	.04	.08	.04	.07	.10
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.35	.33	.30	.31	.37	.37	.37	.21	.48
PH UNITS	8.2	8.4	8.2	8.4	8.3	8.3	8.2	8.0	8.1
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.02	.01	.02	.01	.01	.03	.01	.01	.05
POTASSIUM MG/L	1.2	1.2	1.2	1.3	1.3	1.4	1.2	1.3	1.5
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	0	3	2	2	2	1	0
SILICA MG/L	.20	.30	.20	.30	.30	.30	.10	0	.10
SILVER UG/L	< .40	< .40	< .30	< .40	< .40	< .98	< .40	< .40	< .50
SODIUM MG/L	11	11	11	11	11	12	11	11	11
SPECIFIC COND UMHOS	306	310	311	307	308	310	309	310	309
STRONTIUM UG/L	150	150	130	130	130	160	170	150	190
SULFATE MG/L	25	25	25	26	28	27	24	24	27
TIN UG/L	< 3.0	< 4.0	< 4.0	< 4.0	< 4.0	< 9.0	< 4.0	< 4.0	< 5.0
TITANIUM UG/L	4.0	< 4.0	< 3.0	10	< 3.0	59	5.0	6.0	120
VANADIUM UG/L	< 2.0	< 3.0	< 3.0	< 3.0	< 3.0	< 5.0	< 4.0	< 4.0	5.0
ZINC UG/L	< 270	< 250	< 260	< 240	< 270	< 280	10	< 260	30
ZIRCONIUM UG/L	< 4.0	< 6.0	< 6.0	< 8.0	< 9.0	< 9.0	< 9.0	< 6.0	< 7.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NIAGARA COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	430134078531100	NORTH TONAWANDA(V)-NIAGARA RIVER(EAST BRANCH)

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	12/13/72	12/27/72	01/10/73	01/24/73	02/07/73	02/21/73	03/07/73	03/21/73	04/04/73
ALUMINUM UG/L	780	520	850	7200	260	250	110	1100	910
ARSENIC UG/L	0	0	10	0	0	0	0	0	0
BARIUM UG/L	30	28	14	74	24	30	23	30	28
BERYLLIUM UG/L	< .90	< .90	< .50	< 2.0	< 1.0	< 2.0	< 2.0	< 1.0	< 2.0
BICARBONATE MG/L	114	110	114	113	117	118	110	111	111
BISMUTH UG/L	< 4.0	< 4.0	< 2.0	< 8.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
BORON UG/L	13	12	9.0	52	13	20	11	22	16
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	42	41	39	39	40	42	38	38	38
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	24	23	23	23	23	24	23	25	23
CHROMIUM UG/L	< 4	< 4	2	15	< 4	< 4	< 4	< 4	< 4
COBALT UG/L	< 4.0	< 4.0	< 2.0	< 8.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
COLIFORM CUL/100 ML	640	15	--	< 90	98	52	41	110	< 190
COPPER UG/L	2.0	2.0	.70	8.0	2.0	2.0	1.0	2.0	7.0
CYANIDE MG/L	.01	0	.01	.01	.01	0	.01	0	.01
DISS SOLIDS SUM MG/L	169	165	165	188	167	171	166	165	162
FLUORIDE MG/L	.10	.10	.10	.10	.20	.19	.19	.10	.20
GALLIUM UG/L	< 2.0	< 2.0	< .70	< 3.0	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0
GERMANIUM UG/L	< 6.0	< 6.0	< 2.0	< 8.0	< 6.0	< 4.0	< 4.0	< 4.0	< 4.0
HARDNESS TOTAL MG/L	137	135	131	129	132	139	128	127	127
HARDNESS NONCARB MG/L	44	45	38	37	36	42	31	36	36
IRON UG/L	850	730	750	7100	220	130	78	750	740
LEAD UG/L	3.0	3.0	< 2.0	8.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	--
MAGNESIUM MG/L	7.9	8.0	8.2	7.8	7.9	8.3	8.0	7.8	7.7
MANGANESE UG/L	21	15	12	100	7.0	4.0	3.0	14	15
MBAS MG/L	.01	.01	.01	.01	.02	.02	.02	.02	.01
MERCURY UG/L	< .50	< .50	< .50	.80	.90	< .50	< .50	< .50	2.4
MOLYBDENUM UG/L	< 2.0	< 2.0	< .70	< 3.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
NICKEL UG/L	7.0	7.0	3.0	18	3.0	< 4.0	< 4.0	6.0	5.0
NITRATE AS N MG/L	.20	.20	.20	.30	.60	.20	.20	.20	.30
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.34	.28	.35	.13	.16	.18	.14	.31	.21
PH UNITS	7.6	7.9	8.2	7.9	8.0	8.0	7.9	7.9	7.9
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.06	.04	.09	.09	.03	.02	.02	.03	.02
POTASSIUM MG/L	1.3	1.2	1.2	1.5	1.3	1.3	1.3	1.3	1.3
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	10	4	0	1	1	1	2	0
SILICA MG/L	.20	.20	.40	.60	.30	.30	.20	.50	.30
SILVER UG/L	< .40	< .40	< .20	< .60	< .40	< .40	< .40	< .40	< .40
SODIUM MG/L	12	11	11	12	11	11	11	11	12
SPECIFIC COND UMHOS	314	317	308	309	309	313	311	305	302
STRONTIUM UG/L	160	170	48	150	120	150	150	170	120
SULFATE MG/L	25	26	24	28	26	26	26	26	25
TIN UG/L	< 4.0	< 4.0	< 2.0	< 8.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
TITANIUM UG/L	42	19	46	520	8.0	9.0	5.0	46	20
VANADIUM UG/L	< 3.0	10	2.0	13	< 4.0	< 4.0	< 4.0	< 2.0	< 4.0
ZINC UG/L	10	0	20	30	0	10	10	20	20
ZIRCONIUM UG/L	< 4.0	< 4.0	< 2.0	25	< 8.0	< 4.0	< 4.0	< 8.0	< 4.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

NIAGARA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	430134078531100	NORTH TONAWANDA(V)-NIAGARA RIVER(EAST BRANCH)
B	430134078531101	NORTH TONAWANDA(V)-NIAGARA RIVER(EAST BRANCH)

SYSTEM(S) ON THIS PAGE..	A	A	B	B	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	TREATED	TREATED	TREATED	TREATED
DATE.....	04/16/73	05/03/73	07/13/71	10/19/71	01/18/72	04/11/72
ALUMINUM UG/L	340	98	320	230	78	120
ARSENIC UG/L	0	0	3	0	0	1
BARIUM UG/L	23	26	23	28	29	24
BERYLLIUM UG/L	< 1.0	< 2.0	< .80	< 1.0	< .90	< 2.0
BICARBONATE MG/L	110	115	104	108	107	105
BISMUTH UG/L	< 4.0	< 4.0	< 4.0	< 5.0	< 5.0	< 4.0
BORON UG/L	12	12	7.0	22	14	14
CADMIUM UG/L	0	0	0	0	0	0
CALCIUM MG/L	40	42	39	38	40	39
CARBONATE MG/L	0	0	0	0	0	0
CHLORIDE MG/L	23	28	27	26	27	26
CHROMIUM UG/L	< 3	< 4	< 4	< 3	< 5	< 4
COBALT UG/L	< 4.0	< 4.0	< 2.0	< 5.0	< 5.0	< 4.0
COLIFORM COL/100 ML	--	44	--	--	--	--
COPPER UG/L	2.0	2.0	2.0	3.0	3.0	2.0
CYANIDE MG/L	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	164	171	167	157	174	169
FLUORIDE MG/L	.30	.30	.40	1.0	1.1	1.1
GALLIUM UG/L	< 2.0	< 2.0	< 3.0	< 1.0	< 2.0	< 2.0
GERMANIUM UG/L	< 4.0	< 4.0	< 5.0	< 7.0	< 10	< 6.0
HARDNESS TOTAL MG/L	131	137	128	124	134	130
HARDNESS NONCARB MG/L	41	43	43	35	46	44
IRON UG/L	300	120	19	40	25	25
LEAD UG/L	< 4.0	< 4.0	< 3.0	5.0	< 5.0	< 6.0
LITHIUM UG/L	--	--	6.0	< 10	< 10	< 10
MAGNESIUM MG/L	7.5	7.9	7.4	7.0	8.2	8.0
MANGANESE UG/L	11	7.0	< 4.0	4.0	2.0	2.0
MBAS MG/L	.01	.03	.01	.01	.02	.01
MERCURY UG/L	< .50	.70	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	1.0	< 2.0	1.0	2.0	< 2.0	< 2.0
NICKEL UG/L	4.0	< 4.0	< 2.0	< 5.0	< 5.0	< 4.0
NITRATE AS N MG/L	.30	.30	.04	0	.20	.10
NITRITE AS N MG/L	--	--	0	--	--	--
NITROGEN NH4 AS N MG/L	--	--	0	--	--	--
NITROGEN NH4+ORG-N MG/L	.31	.27	.19	.28	.24	.05
PH UNITS	8.0	7.9	7.7	7.5	7.6	7.5
PHENOLS UG/L	--	--	0	4.0	2.0	--
PHOSPHORUS AS P MG/L	.02	.02	.01	.01	.02	.00
POTASSIUM MG/L	1.2	1.2	1.8	1.5	1.2	1.3
RUBIDIUM UG/L	--	--	.70	--	--	--
SELENIUM UG/L	1	1	3	0	0	2
SILICA MG/L	.10	.10	.40	.50	.70	.60
SILVER UG/L	< .40	< .40	< .30	< .30	< .90	< .40
SODIUM MG/L	12	11	11	12	13	11
SPECIFIC COND UMHOS	307	308	309	313	330	317
STRONTIUM UG/L	170	130	130	190	180	190
SULFATE MG/L	25	26	28	28	30	30
TIN UG/L	< 4.0	< 4.0	< 6.0	< 7.0	< 10	< 4.0
TITANIUM UG/L	5.0	< 4.0	< 3.0	< 5.0	6.0	< 4.0
VANADIUM UG/L	< 3.0	< 4.0	< 2.0	< 3.0	< 2.0	< 3.0
ZINC UG/L	0	20	< 240	< 280	< 430	< 200
ZIRCONIUM UG/L	< 6.0	< 9.0	< 8.0	< 10	< 10	< 20

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ONEIDA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	432805075190500	BUONVILLE(V)-BLACK RIVER
B	432805075445600	CAMDEN(V)-EMMONS BROOK
C	425834075145400	CLAYVILLE WATERWORKS INC-WELLS
D	430259075224501	CLINTON(V)-SPRINGFED POND & MILLER BROOK RES
E	430259075224500	CLINTON(V)-SPRINGFED POND & MILLER BROOK RES
F	430216075245501	CLINTON(V)-WELLS
G	425937075254400	DEANSBORO WATER COMPANY-SPRINGFED RESERVOIRS
H	432636075121400	FORESTPORT WD-CRYSTAL CREEK
I	431432075152500	HOLLAND PATENT(V)-BEAVER CREEK

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	RAW	DISTRBN	RAW	DISTRBN	DISTRBN	DISTRBN
DATE.....	08/19/71	08/19/71	11/06/73	03/07/73	08/20/71	03/07/73	06/07/72	08/17/71	06/08/72
ALUMINUM UG/L	40	12	7.0	28	5.0	10	28	46	76
ARSENIC UG/L	0	0	1	0	0	0	0	0	5
BARIUM UG/L	23	4.0	85	< 30	97	70	80	< 3.0	11
BERYLLIUM UG/L	< .70	< .40	< 2.0	< 5.0	< 2.0	< 3.0	< 4.0	< .30	< 1.0
BICARBONATE MG/L	146	83	147	244	320	320	296	53	92
BISMUTH UG/L	< 4.0	< 2.0	< 8.0	< 14	< 9.0	< 9.0	< 7.0	< .60	< 3.0
BORON UG/L	9.0	7.0	8.0	44	31	20	6.0	3.0	6.0
CADMIUM UG/L	0	0	0	0	0	0	0	1	0
CALCIUM MG/L	48	16	37	210	94	100	74	16	29
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	4.2	1.3	3.3	8.5	22	21	6.5	.80	3.5
CHROMIUM UG/L	< 4	< 2	< 4	< 14	< 9	< 9	< 7	< 1	< 3
COBALT UG/L	< 2.0	< 1.0	< 8.0	< 14	< 5.0	< 9.0	< 7.0	< .10	< 3.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	40	32	32	76	19	3.0	440	2.0	100
CYANIDE MG/L	0	0	.01	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	156	81	246	814	484	346	287	59	103
FLUORIDE MG/L	.30	.10	.20	.30	1.4	.10	.10	.10	.10
GALLIUM UG/L	< .70	< .40	< 4.0	< 7.0	< 2.0	< 4.0	< 4.0	< .30	< 1.0
GERMANIUM UG/L	< 4.0	< 2.0	< 8.0	< 14	< 9.0	< 9.0	< 10	< 2.0	< 4.0
HARDNESS TOTAL MG/L	131	70	212	697	360	365	296	45	80
HARDNESS NONCARB MG/L	11	2	50	497	94	103	53	1	13
IRON UG/L	560	20	8.0	75	190	14	35	63	130
LEAD UG/L	2.0	< 2.0	< 8.0	< 12	< 7.0	< 8.0	< 7.0	2.0	< 3.0
LITHIUM UG/L	< 10	< 10	10	20	20	10	< 10	< 10	< 10
MAGNESIUM MG/L	2.6	7.3	29	42	28	28	27	1.2	3.9
MANGANESE UG/L	220	13	20	< 7.0	< 7.0	< 4.0	10	4.0	22
MBAS MG/L	.02	.02	0	.04	.05	.05	.05	.02	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 1.0	< 4.0	< 7.0	< 5.0	< 4.0	< 4.0	< .80	< 1.0
NICKEL UG/L	4.0	< 2.0	< 8.0	< 14	< 9.0	< 9.0	< 7.0	3.0	< 3.0
NITRATE AS N MG/L	.10	.30	.13	2.1	2.9	2.9	4.3	.10	.50
NITRITE AS N MG/L	0	.01	.01	--	.01	--	--	.01	--
NITROGEN NH4 AS N MG/L	.06	.07	--	--	.13	--	--	.10	--
NITROGEN NH4+ORG-N MG/L	.12	.09	.04	.02	.05	9.0	.67	.06	.73
PH UNITS	7.9	7.9	8.1	7.6	7.9	7.7	8.1	7.6	7.8
PHENOLS UG/L	0	0	--	--	--	--	--	0	--
PHOSPHORUS AS P MG/L	5.1	.01	0	.01	.01	.00	.01	.02	.02
POTASSIUM MG/L	.70	.40	1.1	1.7	1.5	1.4	.70	.30	.50
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	2	2	0	0	4	0	0	4	0
SILICA MG/L	6.0	5.7	8.4	4.9	6.3	5.3	4.5	8.1	6.9
SILVER UG/L	< .20	< .10	< 2.0	< 2.0	< .60	< .90	< .50	< .10	< .20
SODIUM MG/L	3.8	1.8	3.5	4.8	14	12	2.7	1.4	2.9
SPECIFIC COND UMHOS	262	148	445	1080	690	668	527	97	182
STRONTIUM UG/L	95	26	560	9500	1100	820	980	25	75
SULFATE MG/L	13	7.3	66	420	74	88	22	5.0	10
TIN UG/L	< 4.0	< 2.0	< 8.0	< 12	< 9.0	< 8.0	< 7.0	< 2.0	< 3.0
TITANIUM UG/L	2.0	< 1.0	< 4.0	< 10	< 5.0	< 6.0	< 7.0	< 2.0	3.0
VANADIUM UG/L	< 4.0	< 2.0	< 4.0	< 12	< 9.0	< 8.0	< 5.0	.80	< 2.0
ZINC UG/L	< 230	< 140	90	100	< 630	10	< 320	170	< 160
ZIRCONIUM UG/L	< 8.0	< 5.0	< 8.0	< 15	< 20	< 10	< 15	< 2.0	< 5.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ONEIDA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	425616075275300	ONISKANY FALLS(V)-RESERVOIR
B	431929075112100	REMSEN(V)-SPRINGS
C	431245075272400	ROME(C)-FISH CREEK
D	430019075151700	SAUQUOIT WD-WELLS
E	431157075434600	SYLVAN BEACH(V)-SYLVAN BEACH RESERVOIR
F	431039075063800	UTICA(C)-WEST CANADA CREEK

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	F	F	F
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	RAW	RAW	RAW	RAW
DATE.....	09/27/71	01/13/75	08/19/71	11/06/73	08/19/71	11/30/70	07/15/71	10/27/71	01/19/72
ALUMINUM UG/L	72	57	31	12	40	180	77	140	240
ARSENIC UG/L	0	0	0	< 1	0	0	0	7	7
BARIUM UG/L	87	38	12	12	58	14	8.0	14	18
BERYLLIUM UG/L	< 2.0	< .70	< .30	< 2.0	< .40	< .06	< .20	< .20	< .10
BICARBONATE MG/L	308	143	49	231	68	10	10	14	10
BISMUTH UG/L	< 8.0	< 4.0	< .60	< 8.0	< 2.0	< .30	< .70	< .50	< .60
BORON UG/L	15	6.0	9.0	26	9.0	8.0	2.0	7.0	6.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	63	46	14	18	17	4.5	4.0	5.0	4.0
CARBONATE MG/L	0	0	0	2	0	0	0	0	0
CHLORIDE MG/L	5.5	3.1	3.3	2.3	5.0	2.0	.70	0	.80
CHROMIUM UG/L	< 8	< 4	1	4	< 2	< 1	< 1	1	1
COBALT UG/L	< 2.0	< 4.0	< .10	< 8.0	< 1.0	< .30	< .30	< .50	< .60
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	26	74	110	14	78	15	58	87	98
CYANIDE MG/L	0	.01	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	308	141	57	367	79	27	22	27	27
FLUORIDE MG/L	.10	.20	.10	.30	.10	.10	0	.10	.10
GALLIUM UG/L	< 2.0	< 2.0	< .30	< 4.0	< .40	ND	< .30	< .20	< .10
GERMANIUM UG/L	< 8.0	< 4.0	< 2.0	< 8.0	< 2.0	< .30	< 1.0	< .70	< .60
HARDNESS TOTAL MG/L	293	126	51	64	63	15	13	16	14
HARDNESS NONCARB MG/L	41	8	11	0	7	6	5	4	5
IRON UG/L	54	120	73	18	90	87	79	380	140
LEAD UG/L	< 8.0	< 4.0	4.0	< 8.0	2.0	2.0	5.0	6.0	10
LITHIUM UG/L	10	< 10	< 10	10	< 10	.10	.60	< 10	< 10
MAGNESIUM MG/L	33	2.6	4.0	4.6	5.0	.80	.70	.80	.90
MANGANESE UG/L	7.0	12	21	< 5.0	17	20	30	54	62
MBAS MG/L	.02	0	.04	0	.04	.02	.03	.03	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 4.0	< 1.0	< .60	< 4.0	< 1.0	< .10	< .10	< .20	.30
NICKEL UG/L	< 8.0	< 2.0	3.0	< 8.0	< 2.0	4.0	.70	2.0	2.0
NITRATE AS N MG/L	.70	.59	.40	1.3	.28	0	.30	.10	.60
NITRITE AS N MG/L	0	.01	.03	.00	.01	0	0	--	--
NITROGEN NH4 AS N MG/L	.02	--	.15	--	.07	.44	.09	--	--
NITROGEN NH4+ORG-N MG/L	.10	.13	.34	.04	.21	--	.01	.23	.10
PH UNITS	8.0	6.8	7.4	8.5	7.6	6.8	6.5	7.1	6.8
PHENOLS UG/L	0	--	0	--	0	0	0	1.0	2.0
PHOSPHORUS AS P MG/L	.02	.01	.01	.00	.01	.05	0	0	.00
POTASSIUM MG/L	1.1	.80	.40	.50	.70	.20	.30	.30	.30
RUBIDIUM UG/L	--	--	--	--	--	.30	.40	--	--
SELENIUM UG/L	0	2	7	0	3	9	0	3	1
SILICA MG/L	7.3	4.7	2.1	4.4	3.8	5.4	4.0	5.1	7.2
SILVER UG/L	< .80	< .40	< .10	< 2.0	< .10	< .03	< .05	< .05	< .10
SODIUM MG/L	3.9	3.3	1.4	120	4.0	.90	.50	.80	1.0
SPECIFIC COND UMHOS	536	262	103	627	140	39	38	39	39
STRONTIUM UG/L	1100	83	23	750	41	15	15	13	21
SULFATE MG/L	42	9.0	7.2	100	9.8	8.0	6.5	7.5	7.3
TIN UG/L	< 8.0	< 4.0	< 2.0	< 8.0	< 2.0	< .60	< .50	< .70	< 2.0
TITANIUM UG/L	< 2.0	3.0	1.0	< 4.0	< 1.0	1.0	.90	2.0	.90
VANADIUM UG/L	< 4.0	< 2.0	< .60	< 4.0	< 2.0	< .40	< .50	< .70	.40
ZINC UG/L	< 360	10	220	50	< 140	< 25	< 30	< 30	40
ZIRCONIUM UG/L	< 17	< 5.0	< 2.0	< 8.0	< 5.0	ND	< 1.0	< 2.0	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ONEIDA COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	431834075063800	UTICA(C)-WEST CANADA CREEK

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	04/10/72	05/16/72	06/01/72	06/13/72	07/11/72	07/27/72	08/10/72	08/22/72	09/07/72
ALUMINUM UG/L	180	390	350	350	270	200	210	130	190
ARSENIC UG/L	16	6	6	5	8	14	6	8	8
BARIUM UG/L	13	44	18	21	18	18	13	14	15
BERYLLIUM UG/L	< .10	< .20	< .20	< .20	< .10	< .30	< .30	< .20	< .20
BICARBONATE MG/L	12	4	4	5	6	7	12	14	16
BISMUTH UG/L	< .60	< .70	< .40	< .40	< .40	< .50	< 2.0	< .60	< .50
BORON UG/L	4.0	12	3.0	10	6.0	5.0	3.0	5.0	5.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	5.2	3.8	3.3	3.9	3.5	3.9	4.8	5.5	6.2
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	1.0	.40	.40	.30	.50	.80	.40	.60	.80
CHROMIUM UG/L	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 1	0
COBALT UG/L	: .30	.80	.50	< .40	.70	.70	.5[illegible]	< .40	< .70
COLIFORM COL/100 ML	--	< 2	6.0	200	13000	36	12	24	150
COPPER UG/L	46	570	100	450	210	1000	240	140	260
CYANIDE MG/L	0	0	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	30	18	19	19	21	23	26	27	29
FLUORIDE MG/L	.40	.10	.10	.10	.10	.10	.10	.10	.10
GALLIUM UG/L	< .30	< .70	< .40	< .40	< .40	< .50	< .50	< .30	< .30
GERMANIUM UG/L	< .60	< 2.0	< .40	< .90	< .90	< 1.0	< 2.0	< .60	< .70
HARDNESS TOTAL MG/L	17	12	10	12	11	12	15	17	19
HARDNESS NONCARB MG/L	7	8	7	8	6	6	5	6	6
IRON UG/L	270	110	90	230	190	250	430	470	640
LEAD UG/L	4.0	25	10	210	15	41	62	10	91
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	.90	.50	.50	.50	.50	.60	.70	.80	.80
MANGANESE UG/L	66	61	64	92	71	73	92	76	77
MBAS MG/L	.02	.03	.03	.02	.02	.02	.02	.02	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	.20	< .70	< .10	< .20	< .10	< .10	< .10	< .90	< .30
NICKEL UG/L	1.0	6.0	2.0	3.0	2.0	5.0	2.0	2.0	3.0
NITRATE AS N MG/L	.80	.80	.70	.60	.40	.40	.20	.20	.20
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.20	.30	.28	.44	.28	.24	.29	.31	.28
PH UNITS	6.3	5.8	6.0	6.1	6.3	6.4	6.8	7.1	7.1
PHENOLS UG/L	1.0	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	0	.01	.00	.01	.09	.01	.01	.01	.01
POTASSIUM MG/L	.30	.30	.20	.20	.10	.10	.10	.10	.10
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	2	0	0	1	0	0	0
SILICA MG/L	7.0	3.5	3.5	3.6	3.7	3.9	4.5	4.7	5.0
SILVER UG/L	< .10	< .20	< .10	< .10	< .10	< .10	.20	< .10	< .07
SODIUM MG/L	1.7	.50	.50	.50	.60	.60	.40	.80	.80
SPECIFIC COND UMHOS	49	29	28	29	30	31	37	40	43
STRONTIUM UG/L	13	23	13	15	10	13	15	15	18
SULFATE MG/L	7.2	6.3	7.7	7.0	8.4	9.0	8.0	7.4	7.2
TIN UG/L	< .60	< 2.0	< .80	410	< .90	< 1.0	75	< .60	90
TITANIUM UG/L	2.0	5.0	3.0	4.0	2.0	2.0	4.0	2.0	4.0
VANADIUM UG/L	< 2.0	.60	< .40	< .20	.30	< .30	.40	< .40	.50
ZINC UG/L	< 63	72	41	98	55	92	36	< 40	< 35
ZIRCONIUM UG/L	< 2.0	< 2.0	< .80	< .90	< .90	< 1.0	< .50	--	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ONEIDA COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	431839075063800	UTICA(C)-WEST CANADA CREEK

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	09/14/72	10/04/72	10/19/72	11/02/72	11/15/72	11/30/72	12/12/72	12/27/72	01/09/73
ALUMINUM UG/L	93	120	110	81	210	280	230	270	260
ARSENIC UG/L	0	0	0	0	10	10	0	10	0
BARIUM UG/L	11	12	10	9.0	15	16	9.0	17	16
BERYLLIUM UG/L	< .30	< .40	< .20	< .30	< .20	< .20	< .20	< .20	< .20
BICARBONATE MG/L	17	19	20	21	13	9	8	10	10
BISMUTH UG/L	< 2.0	< .80	< .70	< .80	< .60	< .60	< .60	< .60	< .60
BORON UG/L	3.0	6.0	4.0	5.0	4.0	5.0	4.0	6.0	6.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	1
CALCIUM MG/L	7.1	6.5	7.6	7.1	6.2	4.9	4.9	5.5	6.2
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	.50	.80	1.8	.90	1.0	.70	.90	.80	1.7
CHROMIUM UG/L	< 1	< 2	< 1	< 1	< 1	< 1	1	< 1	< 1
COBALT UG/L	< .60	< 2.0	< .30	< .80	< .60	1.0	< .60	< .60	.80
COLIFORM COL/100 ML	150	270	X 8	< 1	X 15	X 2	< 1	< 1	< 2
COPPER UG/L	70	110	50	43	26	57	15	79	65
CYANIDE MG/L	0	.01	0	0	0	.01	.01	0	.01
DISS SOLIDS SUM MG/L	34	31	33	34	29	26	26	27	29
FLUORIDE MG/L	.10	.10	.10	.10	.10	.10	.10	.10	.10
GALLIUM UG/L	< .30	< .80	< .30	< .40	< .30	< .30	< .30	< .30	< .30
GERMANIUM UG/L	< .80	< 2.0	< 2.0	< .80	< .60	< .60	< .60	< .90	< .60
HARDNESS TOTAL MG/L	21	20	23	22	19	15	15	17	19
HARDNESS NONCARB MG/L	7	4	7	5	9	8	9	9	11
IRON UG/L	410	500	420	260	250	230	260	170	170
LEAD UG/L	8.0	10	6.0	5.0	6.0	6.0	2.0	5.0	5.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	.80	.90	1.0	1.0	.90	.70	.70	.80	.80
MANGANESE UG/L	40	59	59	19	40	85	38	61	59
MBAS MG/L	.01	.02	.02	.03	.02	.03	.02	.02	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .30	< .20	< .20	< .40	< .30	< .30	< .20	< .20	< .30
NICKEL UG/L	2.0	1.0	.50	.90	.70	2.0	2.0	2.0	1.0
NITRATE AS N MG/L	.20	.20	.20	.10	.40	.50	.60	.60	.40
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.32	.38	.30	.25	.21	.32	.29	.29	.25
PH UNITS	7.3	7.2	7.6	7.2	7.0	7.0	6.2	7.0	7.0
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.02	.01	.01	.01	.01	.01	.01	.00	.01
POTASSIUM MG/L	.10	.40	.20	.20	.40	.00	.30	.20	.20
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	0	2	2	4	2	1	3	5
SILICA MG/L	4.7	5.6	5.3	6.0	5.6	4.9	5.2	5.7	5.6
SILVER UG/L	< .20	< .20	< .07	< .08	< .06	< .06	< .06	< .06	< .06
SODIUM MG/L	.90	1.2	1.0	1.1	.90	.80	.70	.80	.40
SPECIFIC COND UMHOS	46	47	48	50	43	38	37	41	41
STRONTIUM UG/L	12	21	12	17	16	13	22	14	16
SULFATE MG/L	7.2	6.4	6.0	6.7	7.5	8.0	9.0	7.9	8.0
TIN UG/L	< 2.0	1.0	< .70	< .80	< .60	< .60	< .60	< .60	< .60
TITANIUM UG/L	4.0	3.0	4.0	3.0	6.0	3.0	5.0	2.0	1.0
VANADIUM UG/L	< .60	< 2.0	< .30	< .80	< .60	< .60	.40	< .50	< .60
ZINC UG/L	< 58	< 34	< 45	0	10	20	0	0	0
ZIRCONIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< .90	< 2.0	< .60	< .60	< .60

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ONEIDA COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND #An SOURCE OF #ATER SAMPLED
	A	431839075063800	UTICA(C)-WEST CANADA CREEK

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	01/25/73	02/07/73	02/21/73	03/07/73	03/21/73	04/03/73	04/17/73	05/01/73	05/15/73
ALUMINUM UG/L	180	220	240	150	430	380	370	270	260
ARSENIC UG/L	10	10	0	0	0	0	0	0	10
BARIUM UG/L	13	14	15	11	20	16	18	16	28
BERYLLIUM UG/L	< 1.0	< .20	< .20	< .30	< .20	< .20	.10	< .20	< .20
BICARBONATE MG/L	10	7	12	22	3	8	8	9	11
BISMUTH UG/L	< 5.0	< .40	< .70	< .90	< .50	< .60	< .40	< .50	< .60
BORON UG/L	5.0	2.0	5.0	4.0	3.0	3.0	6.0	3.0	7.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	4.8	4.9	5.7	7.8	3.0	4.2	3.8	5.5	5.0
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	.50	.50	.50	.70	1.0	.30	1.0	.50	.50
CHROMIUM UG/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
COBALT UG/L	.40	< .40	1.0	< .80	.80	.80	.90	.60	.70
COLIFORM COL/100 ML	K 2	K 3	--	10	< 1	K 3	K 2	K 5	--
COPPER UG/L	67	34	65	51	84	240	75	120	110
CYANIDE MG/L	0	.01	.01	0	.01	.02	.01	.01	0
DISS SOLIDS SUM MG/L	27	24	28	37	19	23	22	24	24
FLUORIDE MG/L	.10	.10	.10	.10	.10	.20	.20	.10	.20
GALLIUM UG/L	< .30	< .20	< .30	< .40	< .30	< .30	< .20	< .20	< .30
GERMANIUM UG/L	< .50	< .40	< .70	< .80	< .50	< .60	< .50	< .50	< .60
HARDNESS TOTAL MG/L	15	15	18	24	10	13	12	16	15
HARDNESS NONCARB MG/L	7	9	8	6	7	6	5	9	6
IRON UG/L	130	140	190	380	200	230	180	210	110
LEAD UG/L	4.0	3.0	4.0	4.0	6.0	220	4.0	190	7.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	--	--	--	0
MAGNESIUM MG/L	.80	.70	.80	1.0	.50	.60	.50	.60	.60
MANGANESE UG/L	58	36	56	90	96	94	64	43	48
MBAS MG/L	.02	.02	.02	.03	.03	.03	.02	.03	.04
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .20	< .20	3.0	< .40	< .30	< .20	< .20	< .20	< .30
NICKEL UG/L	.90	.90	2.0	1.0	1.0	2.0	1.0	1.0	1.0
NITRATE AS N MG/L	.70	.80	.80	.70	.90	.80	.70	.70	.70
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.21	.05	.21	.25	.27	.30	.22	.21	1.1
PH UNITS	6.8	6.7	7.1	7.1	6.2	6.8	6.8	6.9	6.8
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.00	.01	.01	.01	.01	.01	.01	.01	.00
POTASSIUM MG/L	.30	.30	.30	.20	.30	.20	.20	.20	.40
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	2	0	0	0	2	1	1	1	2
SILICA MG/L	6.2	5.3	6.0	7.6	4.0	4.5	4.2	4.3	4.0
SILVER UG/L	< .05	< .04	< .07	< .08	< .05	< .06	< .05	< .05	< .06
SODIUM MG/L	.98	.80	.90	1.1	.60	1.1	.60	.70	.70
SPECIFIC COND UMHOS	40	380	43	52	31	33	307	30	32
STRONTIUM UG/L	13	13	17	17	12	15	14	13	18
SULFATE MG/L	7.5	7.3	7.8	6.4	6.9	7.0	6.5	6.5	6.9
TIN UG/L	< .50	< .40	< .70	.80	< .50	210	< .50	350	< .60
TITANIUM UG/L	1.0	2.0	2.0	3.0	3.0	4.0	4.0	5.0	1.0
VANADIUM UG/L	< .50	< .40	< .70	< .70	< .50	4.0	.40	< .50	< .60
ZINC UG/L	0	0	0	0	10	10	10	20	20
ZIRCONIUM UG/L	< .80	< .90	< 2.0	< .60	< 1.0	< .70	< .70	< 1.0	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ONEIDA COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	431839075063A00	UTICA(C)-WEST CANADA CREEK

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	06/01/73	06/12/73	06/26/73	07/10/73	07/24/73	08/10/73	08/23/73	09/05/73	09/20/73
ALUMINUM UG/L	330	290	230	210	290	260	75	90	75
ARSENIC UG/L	0	0	0	0	0	10	0	0	0
BARIUM UG/L	18	20	16	19	16	16	12	13	14
BERYLLIUM UG/L	< .20	< .20	< .20	< .30	< .30	0	0	< .30	0
BICARBONATE MG/L	7	6	10	10	12	16	17	20	20
BISMUTH UG/L	< .50	< .60	< .70	< .70	< .80	0	0	< .80	< 1.0
BORON UG/L	4.0	7.0	5.0	7.0	6.0	5.0	5.0	6.0	5.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	4.0	3.9	4.9	4.0	4.8	5.8	5.8	6.8	6.4
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	.30	.50	.50	.60	.90	.60	.60	.60	.90
CHROMIUM UG/L	0	2	0	0	0	0	0	0	0
COBALT UG/L	.80	< 4.0	2.0	< .50	.80	0	0	< .80	< 1.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	140	200	160	200	660	130	110	100	44
CYANIDE MG/L	.01	.02	.02	.01	.05	.01	0	.01	0
DISS SOLIDS SUM MG/L	20	20	22	22	24	26	28	31	31
FLUORIDE MG/L	.30	.20	.20	.20	.20	.20	.30	.30	.20
GALLIUM UG/L	.30	< .30	< .30	< .40	< .40	0	0	< .40	0
GERMANIUM UG/L	.50	< .60	< .70	< .70	< .80	0	0	< .80	< 1.0
HARDNESS TOTAL MG/L	12	12	15	13	15	16	18	21	20
HARDNESS NONCARB MG/L	7	7	7	5	5	5	4	5	4
IRON UG/L	170	170	160	300	580	700	470	470	660
LEAD UG/L	6.0	7.0	7.0	10	1000	12	8.0	10	5.0
LITHIUM UG/L	0	0	0	0	.60	10	0	0	0
MAGNESIUM MG/L	.60	.60	.60	.70	.70	.80	.90	1.0	1.0
MANGANESE UG/L	65	60	60	84	150	300	110	90	150
MBAS MG/L	.08	.03	.04	.02	.01	.05	.01	.01	.01
MERCURY UG/L	< .50	< .50	< .50	< .50	4.0	.90	.50	< .80	< .50
MOLYBDENUM UG/L	< .30	2.0	.20	.20	< .40	0	0	< .40	0
NICKEL UG/L	2.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	< 1.0
NITRATE AS N MG/L	.49	.39	.29	.40	.25	.24	.17	.17	.16
NITRITE AS N MG/L	.01	.01	.01	.00	.01	.01	.01	.01	.00
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.10	.10	.10	.19	.17	.19	.20	.09	.19
PH UNITS	6.6	6.4	7.0	6.7	7.1	6.9	6.9	6.9	7.2
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.01	.00	.00	.01	.01	.00	.01	.01	.01
POTASSIUM MG/L	.20	.20	.30	.20	.20	.20	.30	.30	.20
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	2	2	0	0	1	3	2	--	1
SILICA MG/L	3.7	4.0	3.9	4.2	4.2	4.0	4.3	4.5	5.3
SILVER UG/L	< .05	< .06	< .07	< .10	.10	0	0	< 1.0	0
SODIUM MG/L	.60	.60	.80	.90	.80	.90	.90	1.5	1.2
SPECIFIC COND UMHOS	29	30	34	35	37	41	44	48	51
STRONTIUM UG/L	20	11	12	16	20	25	20	21	20
SULFATE MG/L	6.4	6.5	5.2	5.5	5.8	5.5	6.4	5.9	5.5
TIN UG/L	< .50	< .60	< .70	< .70	510	0	0	< .80	< 1.0
TITANIUM UG/L	2.0	.90	1.0	2.0	2.0	5.0	1.0	8.0	2.0
VANADIUM UG/L	< .20	.20	< .30	.40	5.0	< .70	< .40	.50	< .50
ZINC UG/L	0	10	10	10	20	10	0	20	10
ZIRCONIUM UG/L	< 1.0	< .90	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ONEIDA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	431839075063800	UTICA(C)-WEST CANADA CREEK

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	10/02/73	10/10/73	11/01/73	11/19/73	11/28/73	12/12/73	12/27/73	01/10/74	01/22/74
ALUMINUM UG/L	90	110	200	270	220	380	410	320	440
ARSENIC UG/L	< 1	< 1	< 1	0	< 1	< 1	1	0	1
BARIUM UG/L	11	12	14	12	16	20	27	25	24
BERYLLIUM UG/L	0	< .30	< .30	< .20	< .20	< .30	< .20	< .20	< .20
BICARBONATE MG/L	20	20	22	15	13	7	9	7	4
BISMUTH UG/L	0	< .90	< 1.0	< .80	< .90	< .70	< 1.0	< .70	< .70
BORON UG/L	6.0	8.0	7.0	4.0	6.0	5.0	6.0	4.0	8.0
CADMIUM UG/L	0	0	5	0	1	0	0	0	0
CALCIUM MG/L	7.0	6.7	7.7	5.7	5.4	4.5	5.5	4.4	4.5
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	.80	.85	2.4	1.1	.90	.85	.85	.70	.70
CHROMIUM UG/L	0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0
COBALT UG/L	0	< .90	< .90	< .40	< .40	.80	.40	.80	1.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	57	65	40	30	40	40	90	42	130
CYANIDE MG/L	0	0	0	.01	.01	.01	0	0	0
DISS SOLIDS SUM MG/L	33	33	36	30	28	24	26	22	21
FLUORIDE MG/L	.30	.10	.20	.20	.40	.40	.30	.30	.10
GALLIUM UG/L	0	< .50	< .50	< .40	< .40	< .30	< .30	< .30	< .30
GERMANIUM UG/L	0	< .90	< .90	< .70	< .70	< .70	< .80	< .70	< .70
HARDNESS TOTAL MG/L	22	22	25	19	18	15	17	14	14
HARDNESS NONCARB MG/L	6	6	7	6	7	9	10	9	11
IRON UG/L	400	400	500	350	300	240	320	150	230
LEAD UG/L	7.0	6.0	6.0	3.0	4.0	3.0	27	4.0	12
LITHIUM UG/L	0	0	0	0	0	0	0	0	0
MAGNESIUM MG/L	1.1	1.4	1.3	1.1	1.1	.90	.90	.80	.70
MANGANESE UG/L	35	47	56	30	55	65	93	72	100
MBAS MG/L	.03	.02	.01	.01	.03	.02	.03	0	.01
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	0	0	< .30	< .20	< .20	< .30	< .40	< .20	< .30
NICKEL UG/L	0	0	< 1.0	.70	1.0	1.0	2.0	1.0	1.0
NITRATE AS N MG/L	.19	.17	.17	.30	.39	.61	.67	.74	.74
NITRITE AS N MG/L	.00	.01	.01	.01	.01	.00	.00	.00	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.18	.13	.01	.20	.17	.11	.04	.12	.25
PH UNITS	7.2	7.0	7.3	6.9	6.8	6.7	6.9	6.4	6.4
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.02	.01	.01	.01	.01	.01	.01	.01	.01
POTASSIUM MG/L	.30	.40	.50	.50	.50	.40	.60	.30	.40
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	2	1	0	2	3	2	1	1
SILICA MG/L	5.6	5.6	5.3	5.6	5.8	5.0	4.6	4.5	4.5
SILVER UG/L	0	0	< .20	< .07	< .07	< .10	< .10	< .07	< .10
SODIUM MG/L	1.2	1.2	1.5	1.5	1.0	1.0	1.0	.80	1.0
SPECIFIC COND UMHOS	51	54	55	49	47	41	43	37	39
STRONTIUM UG/L	30	23	30	18	20	20	20	22	23
SULFATE MG/L	7.0	6.4	6.4	6.9	6.5	6.7	6.7	6.5	6.4
TIN UG/L	0	0	< .90	< .80	< .90	< .70	34	< .70	< .70
TITANIUM UG/L	2.0	2.0	5.0	20	5.0	5.0	10	14	3.0
VANADIUM UG/L	< .50	< .50	< .70	< .40	< .40	.30	.40	< .30	.40
ZINC UG/L	10	30	10	10	20	10	60	110	40
ZIRCONIUM UG/L	< 2.0	< 2.0	< 2.0	< .80	< .90	< .70	< .80	< .70	< 1.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ONEIDA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	431039075063800	UTICA(C)-WEST CANADA CREEK

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	02/07/74	02/21/74	03/07/74	03/19/74	04/03/74	04/15/74	04/29/74	05/23/74	06/06/74
ALUMINUM UG/L	380	300	270	310	210	400	340	300	250
ARSENIC UG/L	< 1	< 1	< 1	< 1	1	1	0	< 1	1
BARIUM UG/L	22	26	28	22	21	27	24	35	15
BERYLLIUM UG/L	< .20	< .20	< .20	< .20	< .30	< .20	.10	< .20	< .20
BICARBONATE MG/L	0	12	8	7	14	8	4	3	9
BISMUTH UG/L	< .50	< .60	< .70	< .60	< .90	< .70	< .50	< .60	< .60
BORON UG/L	8.0	7.0	8.0	5.0	7.0	10	11	5.0	9.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	1
CALCIUM MG/L	4.0	5.5	4.3	4.4	5.8	4.9	3.6	3.5	4.0
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	1.1	.80	.70	.70	4.3	.90	.40	.60	.70
CHROMIUM UG/L	< 1	< 1	< 1	< 1	< 1	< 1	0	< 1	< 1
COBALT UG/L	1.0	1.0	.80	7.0	.80	1.0	1.0	.50	1.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	53	66	44	43	26	42	60	26	30
CYANIDE MG/L	.01	0	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	23	26	23	23	34	23	18	18	22
FLUORIDE MG/L	.20	.20	0	0	.20	.10	.10	.10	.10
GALLIUM UG/L	< .20	< .20	< .30	< .30	< .40	< .30	< 2.0	< .20	< .20
GERMANIUM UG/L	< .70	< .80	< .70	< .60	< .90	< .70	< .50	< .60	< .60
HARDNESS TOTAL MG/L	13	17	14	14	19	15	11	11	13
HARDNESS NONCARB MG/L	8	7	7	8	7	9	8	8	5
IRON UG/L	170	190	150	120	350	220	160	120	130
LEAD UG/L	6.0	5.0	3.0	4.0	2.0	3.0	4.0	8.0	1.0
LITHIUM UG/L	0	0	0	0	0	0	0	.40	.70
MAGNESIUM MG/L	.70	.80	.80	.70	1.0	.70	.60	.50	.70
MANGANESE UG/L	77	84	80	70	110	100	100	35	78
MBAS MG/L	.02	0	.03	.05	.02	.02	.02	.05	.09
MERCURY UG/L	< .5)	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .20	< .20	< .30	< .20	< .40	< .30	< .20	< .20	< .20
NICKEL UG/L	.70	.80	.80	1.0	.80	2.0	1.0	.60	1.0
NITRATE AS N MG/L	.74	.76	.84	.94	.75	.79	.85	.60	.57
NITRITE AS N MG/L	0	0	.01	0	.01	0	.01	.01	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.21	.12	.11	.16	.04	.17	.17	.13	.11
PH UNITS	6.2	6.5	6.3	6.2	6.5	6.4	6.0	6.1	6.6
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	0	0	0	.01	.01	.01	.01	0	.01
POTASSIUM MG/L	.30	.40	.30	.60	.50	.40	.40	.40	.40
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	5	< 1	2	1	3	3	3	2
SILICA MG/L	4.9	5.6	4.8	5.1	7.0	4.7	3.3	3.8	4.1
SILVER UG/L	< .10	< .10	< .07	< .06	< .10	< .07	< .05	< .06	< .06
SODIUM MG/L	.50	.80	.70	.90	1.1	.70	.50	1.0	1.0
SPECIFIC COND UMHOS	38	47	36	38	52	29	29	40	34
STRONTIUM UG/L	21	27	20	21	28	22	14	15	16
SULFATE MG/L	7.2	7.0	6.3	6.8	6.1	5.7	5.8	5.7	5.7
TIN UG/L	< .60	< .70	< .70	< .60	< 1.0	< .70	< .50	< .60	< .60
TITANIUM UG/L	1.0	1.0	3.0	2.0	3.0	3.0	2.0	8.0	2.0
VANADIUM UG/L	.40	.40	.40	< .30	< .40	< .30	.20	.40	.30
ZINC UG/L	0	30	130	80	120	30	100	60	50
ZIRCONIUM UG/L	< 1.0	< 2.0	< 1.0	< .60	< 2.0	< 2.0	< .70	< .60	< .60

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ONEIDA COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	431839075063800	UTICA(C)-WEST CANADA CREEK

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	06/18/74	07/09/74	07/16/74	08/01/74	08/15/74	08/29/74	09/13/74	10/01/74	10/10/74
ALUMINUM UG/L	270	180	520	110	200	110	77	230	170
ARSENIC UG/L	0	0	1	0	2	0	0	0	< 1
BARIUM UG/L	20	21	22	12	23	21	13	18	40
BERYLLIUM UG/L	< .20	< .30	< .30	< .20	< .20	< .10	< .07	< .10	< .06
BICARBONATE MG/L	7	9	11	12	17	18	15	13	13
BISMUTH UG/L	< .60	< .60	< .70	< .60	< .60	< .30	< 3.0	< .30	< .30
BORON UG/L	8.0	8.0	9.0	4.0	9.0	6.0	8.0	9.0	8.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	1
CALCIUM MG/L	4.0	5.0	5.1	6.5	5.6	4.6	6.0	5.3	5.0
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	.70	.50	.60	.60	.70	.50	--	1.0	1.3
CHROMIUM UG/L	< 1	< 1	0	< 1	< 1	< 1	< 1	< 1	< 1
COBALT UG/L	< .60	< .60	1.0	< .30	< .50	.30	.30	.48	< .30
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	110	40	320	22	30	42	32	34	26
CYANIDE MG/L	0	0	0	0	0	.01	0	.01	0
DISS SOLIDS SUM MG/L	21	24	25	27	32	28	23	25	25
FLUORIDE MG/L	.10	.10	.30	.10	0	.10	.20	.10	.10
GALLIUM UG/L	< .20	< .30	< .40	< .30	< .30	< .06	< .07	< .20	< .10
GERMANIUM UG/L	< .60	< .80	< .90	< .70	< .70	< .30	< .30	< .30	< .30
HARDNESS TOTAL MG/L	13	16	16	20	19	16	19	17	15
HARDNESS NONCARB MG/L	7	8	7	10	5	1	7	6	4
IRON UG/L	220	260	880	320	450	350	350	550	320
LEAD UG/L	24	4.0	120	3.0	5.0	7.0	3.0	3.0	3.0
LITHIUM UG/L	.60	.80	.80	.50	.60	.40	.40	.80	.60
MAGNESIUM MG/L	.70	.80	.80	.90	1.2	1.0	1.0	.90	.80
MANGANESE UG/L	65	67	210	100	150	76	52	140	12
MBAS MG/L	.03	.03	.03	.03	.03	.02	.02	.02	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	.50	< .50	.50
MOLYBDENUM UG/L	< .30	< .20	< .20	< .20	< .20	1.0	< .05	< .10	< .20
NICKEL UG/L	1.0	2.0	2.0	1.0	1.0	3.0	2.0	1.0	1.0
NITRATE AS N MG/L	.45	.58	.25	.22	.17	.28	.17	.14	.15
NITRITE AS N MG/L	.01	.01	.01	.01	.01	0	0	0	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.19	.16	.25	.23	.29	.17	.12	.19	.20
PH UNITS	7.7	6.5	6.9	6.6	6.3	6.3	6.7	6.8	7.1
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.01	.01	.01	.01	.01	.01	.01	.01	.01
POTASSIUM MG/L	.30	.40	.30	.30	.90	.20	.20	.10	.40
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	1	1	< 2	2	0	3	2	2
SILICA MG/L	4.0	4.4	4.3	4.9	4.8	4.7	7.9	5.3	5.1
SILVER UG/L	< .06	< .10	< .10	< .10	< .10	< .03	< .03	< .05	< .03
SODIUM MG/L	.60	1.0	1.1	1.0	3.0	.80	.60	.50	.70
SPECIFIC COND UMHOS	33	40	38	43	43	44	44	42	42
STRONTIUM UG/L	19	29	22	17	25	25	18	28	21
SULFATE MG/L	6.4	7.0	6.9	6.9	7.8	7.0	--	5.7	5.4
TIN UG/L	11	< .80	98	< .60	.50	< .30	< .30	< .30	< .30
TITANIUM UG/L	4.0	3.0	21	2.0	3.0	2.0	1.0	4.0	4.0
VANADIUM UG/L	.40	.40	1.0	< .30	< .40	.40	.20	.50	.20
ZINC UG/L	20	20	50	0	20	10	0	50	0
ZIRCONIUM UG/L	< .90	< 1.0	< 2.0	< 1.0	< .80	< .30	< .40	< .50	< .40

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ONEIDA COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	431839075063800	UTICA(C)-WEST CANADA CREEK

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	10/25/74	11/07/74	11/21/74	12/06/74	12/16/74	12/30/74	01/14/75	01/30/75	02/10/75
ALUMINUM UG/L	120	130	210	250	250	200	180	200	210
ARSENIC UG/L	< 1	1	0	0	0	0	0	0	0
BARIUM UG/L	16	13	18	17	17	15	14	17	19
BERYLLIUM UG/L	< .04	< .05	.07	< .08	< .20	< .20	< .10	.07	.06
BICARBONATE MG/L	13	14	10	8	8	8	16	15	13
BISMUTH UG/L	< .20	< .20	< .30	< .20	< .60	< .60	< .50	< .20	< .20
BORON UG/L	6.0	6.0	8.0	6.0	5.0	4.0	4.0	8.0	7.0
CADMIUM UG/L	0	0	0	0	1	0	0	0	0
CALCIUM MG/L	5.5	6.0	4.7	4.5	5.0	5.5	5.8	5.2	5.5
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	1.5	1.0	.90	.70	1.0	1.3	.20	.30	2.0
CHROMIUM UG/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
COBALT UG/L	< .20	< .20	< .20	.30	< .60	< .60	< .50	.20	.10
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	15	37	20	18	18	25	34	40	40
CYANIDE MG/L	0	0	.01	.01	0	.01	0	0	.01
DISS SOLIDS SUM MG/L	26	32	26	24	25	26	38	28	29
FLUORIDE MG/L	.10	.10	.20	.10	.10	.10	.10	.20	.10
GALLIUM UG/L	< .10	< .10	< .09	< .10	< .30	< .20	< .20	< .05	< .06
GERMANIUM UG/L	< .20	< .30	< .30	< .20	< .60	< .60	< .50	< .20	< .30
HARDNESS TOTAL MG/L	18	19	15	15	17	17	19	17	17
HARDNESS NONCARB MG/L	7	7	5	8	10	10	5	4	6
IRON UG/L	240	260	320	180	160	120	120	170	160
LEAD UG/L	3.0	6.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0
LITHIUM UG/L	.60	.60	.60	.80	.30	.20	.40	.50	.60
MAGNESIUM MG/L	1.0	.90	.70	.80	1.0	.80	1.0	.90	.80
MANGANESE UG/L	29	32	48	46	51	48	53	59	58
MBAS MG/L	.03	.02	.03	0	0	0	0	0	0
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .04	< .05	< .10	< .10	< .30	< .20	< .30	< .05	< .06
NICKEL UG/L	.50	.80	.40	.50	.50	.40	.50	1.0	2.0
NITRATE AS N MG/L	.15	.18	.22	.39	.41	.44	.48	.53	.59
NITRITE AS N MG/L	0	0	0	.01	0	.01	.01	.01	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.18	.15	.20	.24	.25	.20	.23	.16	.12
PH UNITS	6.9	6.3	7.4	7.4	7.0	6.5	6.7	6.6	6.6
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	0	.01	.01	.01	.01	.01	.01	.06	.01
POTASSIUM MG/L	.30	1.8	.40	.40	.50	.20	.20	.50	.50
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	2	0	0	0	0	0	2	0	0
SILICA MG/L	5.4	5.7	5.7	5.2	5.8	5.4	5.9	6.6	6.3
SILVER UG/L	< .02	< .02	< .03	< .02	< .06	< .06	< .05	< .02	< .03
SODIUM MG/L	.50	2.4	1.1	.80	.50	.70	.80	.90	1.0
SPECIFIC COND UMHOS	42	43	42	37	37	41	46	46	50
STRONTIUM UG/L	20	21	19	17	21	13	15	18	21
SULFATE MG/L	5.5	6.8	7.0	6.7	6.9	7.3	7.5	5.6	5.9
TIN UG/L	< .20	< .60	< .30	< .20	< .60	< .60	< .50	< .20	< .30
TITANIUM UG/L	1.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0
VANADIUM UG/L	< .20	< .20	< .20	.20	< .60	< .30	< .30	< .20	< .20
ZINC UG/L	40	20	10	10	20	30	0	20	20
ZIRCONIUM UG/L	< .30	< .10	< .40	< .30	< 1.0	< .40	< .50	< .30	< .40

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ONEIDA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	431839075063800	UTICA(C)-WEST CANADA CREEK
B	431839075063801	UTICA(C)-WEST CANADA CREEK

SYSTEM(S) ON THIS PAGE	A	A	A	A	A	A	B	B	B
TYPE OF WATER SAMPLED	RAW	RAW	RAW	RAW	RAW	RAW	TREATED	TREATED	TREATED
DATE	02/27/75	03/11/75	03/27/75	04/11/75	04/25/75	05/07/75	07/15/71	10/27/71	01/19/72
ALUMINUM UG/L	180	170	350	240	490	450	200	150	190
ARSENIC UG/L	0	0	1	0	1	1	0	6	4
BARIUM UG/L	16	16	26	15	26	23	18	15	12
BERYLLIUM UG/L	< .05	.40	.10	.60	.10	.10	< .20	< .20	< .20
BICARBONATE MG/L	16	10	8	9	9	8	8	14	22
BISMUTH UG/L	< .20	< 2.0	< .20	< .20	< .20	< .20	< .40	< .50	< .90
BORON UG/L	6.0	5.0	15	5.0	5.0	6.0	5.0	5.0	4.0
CADMIUM UG/L	0	0	0	0	1	0	0	0	0
CALCIUM MG/L	5.7	4.8	6.2	5.2	4.7	4.8	5.0	4.8	8.5
CARBONATE MG/L	0	0	0	0	0	0	0	0	2
CHLORIDE MG/L	.88	.90	1.5	1.4	1.3	1.1	2.6	1.6	3.3
CHROMIUM UG/L	< 1	< 1	0	< 1	< 1	0	1	1	< 1
COBALT UG/L	.40	.30	.50	.40	.40	.40	.40	< .50	< .90
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	55	33	45	40	60	70	48	18	15
CYANIDE MG/L	.01	.01	0	.01	.01	.01	0	0	0
DISS SOLIDS SUM MG/L	31	26	26	26	21	21	25	29	46
FLUORIDE MG/L	.10	.30	.10	.20	.30	.20	.10	.20	1.2
GALLIUM UG/L	< .05	< .10	< .10	< .10	< .10	< .10	< .30	< .20	< .20
GERMANIUM UG/L	< .30	< .20	< .20	< .30	< .20	< .20	< 2.0	< .70	< .90
HARDNESS TOTAL MG/L	18	15	18	16	14	14	16	15	25
HARDNESS NONCARB MG/L	5	7	11	9	10	7	11	4	4
IRON UG/L	210	150	190	470	200	120	220	310	120
LEAD UG/L	2.0	2.0	4.0	1.0	2.0	3.0	5.0	1.0	2.0
LITHIUM UG/L	.50	.40	.50	.40	.60	.50	.30	< 10	< 10
MAGNESIUM MG/L	.98	.80	.60	.80	.68	.48	.80	.80	1.0
MANGANESE UG/L	70	54	70	140	95	62	120	50	27
MBAS MG/L	0	0	0	0	0	0	.04	.05	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .08	< .10	< .10	< .07	< .06	< .05	< .20	< .20	< .20
NICKEL UG/L	.50	.50	1.0	.70	.98	1.0	2.0	2.0	2.0
NITRATE AS N MG/L	.57	.68	.88	.82	1.0	.94	.38	.10	.60
NITRITE AS N MG/L	0	.01	.01	.01	0	.01	0	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	.10	--	--
NITROGEN NH4+ORG-N MG/L	.17	.21	.17	.12	.13	.13	.28	.19	.15
PH UNITS	6.6	7.0	6.6	6.7	6.5	6.3	7.5	6.8	6.8
PHENOLS UG/L	--	--	--	--	--	--	2.0	2.0	2.0
PHOSPHORUS AS P MG/L	.01	.02	0	.01	.01	.01	0	.01	.01
POTASSIUM MG/L	.70	.40	.40	.40	.20	.40	.40	.30	.40
RUBIDIUM UG/L	--	--	--	--	--	--	.80	--	--
SELENIUM UG/L	0	0	0	0	0	0	5	0	0
SILICA MG/L	7.2	6.4	5.6	6.6	4.6	4.1	3.9	5.2	7.0
SILVER UG/L	< .03	< .02	.03	< .03	< .03	< .03	< .04	< .05	< .20
SODIUM MG/L	1.1	1.0	.70	1.0	.70	.68	1.0	2.4	3.9
SPECIFIC COND UMHOS	51	45	41	47	36	32	44	48	75
STRONTIUM UG/L	23	17	18	16	19	16	18	15	19
SULFATE MG/L	6.2	6.0	5.9	5.6	5.1	4.6	6.6	7.0	7.2
TIN UG/L	< .38	< .20	< .20	< .20	< .20	.20	< 6.0	< .70	< 2.0
TITANIUM UG/L	2.0	2.0	2.0	6.0	3.0	2.0	< .38	2.0	1.0
VANADIUM UG/L	.38	.28	< .20	.28	.28	< .18	2.0	< .70	.60
ZINC UG/L	20	10	20	10	20	30	< 35	< 35	< 61
ZIRCONIUM UG/L	< .48	< .38	< .28	< .50	< .48	< .38	< 2.0	< 2.0	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ONEIDA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND #AND SOURCE OF WATER SAMPLED
A	430309075063601	UTICA(C)-WEST CANADA CREEK
B	425550075224300	WATERVILLE(V)-BROOKS
C	430706075241900	WESTMORELAND WATER DISTRICT-TWO WELLS

SYSTEM(S) ON THIS PAGE..	A	B	C
TYPE OF WATER SAMPLED...	TREATED	DISTRBN	DISTRBN
DATE.....	04/10/72	08/20/71	01/14/75
ALUMINUM UG/L	170	280	15
ARSENIC UG/L	4	0	0
BARIUM UG/L	12	10	100
BERYLLIUM UG/L	< .10	< .40	< 2.0
BICARBONATE MG/L	10	65	352
BISMUTH UG/L	< .60	< 2.0	< 9.0
BORON UG/L	3.0	13	32
CADMIUM UG/L	0	0	0
CALCIUM MG/L	5.1	22	85
CARBONATE MG/L	0	0	0
CHLORIDE MG/L	2.5	1.5	35
CHROMIUM UG/L	< 1	< 2	< 6
COBALT UG/L	1.0	< .90	< 9.0
COLIFORM COL/100 ML	--	--	--
COPPER UG/L	9.0	700	10
CYANIDE MG/L	.01	0	.01
DISS SOLIDS SUM MG/L	30	83	390
FLUORIDE MG/L	.40	0	.10
GALLIUM UG/L	< .30	< .40	< 4.0
GERMANIUM UG/L	< .60	< 2.0	< 9.0
HARDNESS TOTAL MG/L	16	66	323
HARDNESS NONCARB MG/L	8	13	35
IRON UG/L	260	3000	60
LEAD UG/L	1.0	21	< 9.0
LITHIUM UG/L	< 10	< 10	7.0
MAGNESIUM MG/L	.80	2.0	27
MANGANESE UG/L	54	690	< 6.0
MBAS MG/L	.02	.03	.10
MERCURY UG/L	< .50	< .50	< .50
MOLYBDENUM UG/L	< .10	< .90	< 5.0
NICKEL UG/L	1.0	6.0	< 9.0
NITRATE AS N MG/L	.80	.10	3.4
NITRITE AS N MG/L	--	.01	0
NITROGEN NH4 AS N MG/L	--	.12	--
NITROGEN NH4+ORG-N MG/L	.24	.33	.07
PH UNITS	6.3	7.3	7.4
PHENOLS UG/L	0	0	--
PHOSPHORUS AS P MG/L	.00	.05	.02
POTASSIUM MG/L	.30	.60	2.2
RUBIDIUM UG/L	--	--	--
SELENIUM UG/L	0	0	1
SILICA MG/L	7.0	2.8	5.4
SILVER UG/L	< .10	< .10	< .90
SODIUM MG/L	1.4	2.0	23
SPECIFIC COND UMHOS	61	141	750
STRONTIUM UG/L	13	57	260
SULFATE MG/L	7.0	19	36
TIN UG/L	< .60	< 2.0	< 9.0
TITANIUM UG/L	3.0	8.0	< 9.0
VANADIUM UG/L	< 2.0	< 2.0	< 6.0
ZINC UG/L	< 50	140	8
ZIRCONIUM UG/L	< 2.0	< 5.0	< 10

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ONONDAGA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	430953076214401	BALDWINSVILLE(V)-WELL
B	430953076214400	BALDWINSVILLE(V)-WELL
C	425933075581001	EAGLE HILL-WELL SYSTEM
D	430355076044800	EAST SYRACUSE(V)-WRIGHT BROOK RESERVOIR
E	430355076044801	FAYETTEVILLE(V)-SPRINGS&WELLS
F	430145076083709	FAYETTEVILLE(V)-SPRINGS&WELLS
G	425859076041900	JAMESVILLE WD-COYE RESERVOIR
H	425934076041700	JAMESVILLE WD-COYE RESERVOIR
I	425800076030001	JAMESVILLE WD-SPRINGS

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	RAW	TREATED	RAW	DISTRBN	RAW	DISTRBN	RAW	DISTRBN	RAW
DATE.....	09/21/71	09/21/71	02/22/73	09/22/71	02/23/73	09/22/71	02/22/73	01/26/73	02/22/73
ALUMINUM UG/L	15	14	6.0	38	16	25	148	68	14
ARSENIC UG/L	0	2	0	3	0	3	0	0	0
BARIUM UG/L	310	310	85	110	30	110	58	60	62
BERYLLIUM UG/L	< .70	< .70	< 2.0	< .70	< 4.0	< 2.0	< .99	< 2.0	< 3.0
BICARBONATE MG/L	235	232	279	267	256	241	297	297	316
BISMUTH UG/L	< 7.0	< 7.0	< 10	< 7.0	< 12	< 12	< 4.0	< 7.0	< 11
BORON UG/L	5.0	6.0	16	10	28	28	9.0	8.0	24
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	68	66	120	66	150	100	81	85	150
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	23	22	12	12	33	17	6.1	7.2	16
CHROMIUM UG/L	< 5	< 5	< 10	< 5	< 12	< 8	< 4	< 7	< 11
COBALT UG/L	< 4.0	< 4.0	< 10	< 3.0	< 12	< 6.0	5.0	< 5.0	< 11
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	40	40	4.0	130	4.0	23	4.0	9.0	4.0
CYANIDE MG/L	0	0	0	0	.01	0	0	0	0
DISS SOLIDS SUM MG/L	291	283	455	267	654	562	275	280	564
FLUORIDE MG/L	.10	.10	.30	.10	.40	.30	.10	.20	.50
GALLIUM UG/L	< 2.0	< 2.0	< 5.0	< 2.0	< 6.0	< 3.0	< 2.0	< 4.0	< 6.0
GERMANIUM UG/L	< 5.0	< 5.0	< 10	< 5.0	< 12	< 8.0	< 4.0	< 7.0	< 11
HARDNESS TOTAL MG/L	281	272	398	251	582	498	268	278	682
HARDNESS NONCARB MG/L	88	82	170	49	292	276	25	35	222
IRON UG/L	25	58	< 10	98	< 15	33	130	110	16
LEAD UG/L	7.0	150	< 10	32	< 12	< 8.0	< 4.0	< 7.0	< 11
LITHIUM UG/L	< 10	< 10	< 10	< 10	10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	27	26	24	21	31	22	16	16	26
MANGANESE UG/L	54	98	< 7.0	33	< 9.0	< 6.0	53	26	< 8.0
MBAS MG/L	.05	.05	.03	.02	.03	.03	.02	.02	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 4.0	< 4.0	< 5.0	< 3.0	< 6.0	< 6.0	< 2.0	< 2.0	< 6.0
NICKEL UG/L	< 5.0	10	< 10	< 5.0	< 12	< 8.0	< 4.0	< 7.0	< 11
NITRATE AS N MG/L	4.2	4.2	2.0	.20	2.3	1.6	.40	.40	2.3
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.03	0	0	.29	0	.23	.11	.10	.08
PH UNITS	7.8	7.7	7.9	7.7	7.9	7.5	7.9	7.9	7.9
PHENOLS UG/L	0	0	--	0	--	9.0	--	--	--
PHOSPHORUS AS P MG/L	0	0	0	.02	.01	.13	.01	.01	.00
POTASSIUM MG/L	.98	1.0	1.0	1.2	1.9	1.5	1.1	1.2	1.3
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	2	5	0	4	0	0	0	2	0
SILICA MG/L	7.6	7.6	5.4	4.9	5.5	4.0	3.1	3.3	5.4
SILVER UG/L	< .40	< .40	< 1.0	< .30	< 2.0	< .60	< .40	< .70	< 2.0
SODIUM MG/L	3.5	5.4	3.2	5.7	14	7.2	3.6	3.6	7.0
SPECIFIC COND UMHOS	510	511	726	458	948	855	484	496	872
STRONTIUM UG/L	220	220	6500	400	4300	890	140	160	13000
SULFATE MG/L	39	37	150	35	290	220	18	17	280
TIN UG/L	< 7.0	24	< 10	< 7.0	< 12	< 12	< 4.0	< 7.0	< 11
TITANIUM UG/L	< 5.0	< 5.0	< 10	< 5.0	< 12	< 8.0	4.0	< 4.0	< 11
VANADIUM UG/L	< 4.0	< 4.0	< 10	< 3.0	< 12	< 6.0	< 4.0	< 7.0	< 11
ZINC UG/L	< 470	< 460	10	< 440	10	< 770	10	< 480	10
ZIRCONIUM UG/L	< 10	< 10	< 20	< 10	< 24	< 17	< 9.0	< 10	< 24

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ONONDAGA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	430005075584100	MANLIUS(V)-SPRINGS&WELLS
B	430005075584101	MANLIUS(V)-THOMPSON WELL
C	425900076203500	MARCELLUS(V)-ROCKWELL SPRINGS
D	431106076135700	METROPOLITAN WATER BOARD-LAKE ONTARIO
E	425416076184900	ONONDAGA COUNTY #A-OTISCO LAKE
F	425418076184600	ONONDAGA COUNTY #A-OTISCO LAKE

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	E	E	E	F
TYPE OF WATER SAMPLED...	DISTRBN	RAW	DISTRBN	DISTRBN	RAW	RAW	RAW	RAW	DISTRBN
DATE.....	09/22/71	03/08/73	09/21/71	01/25/73	06/10/74	09/11/74	12/10/74	03/13/75	09/22/71
ALUMINUM UG/L	22	22	28	28	85	70	180	60	128
ARSENIC UG/L	4	10	1	0	0	< 1	1	1	3
BARIUM UG/L	85	63	150	22	30	41	50	38	38
BERYLLIUM UG/L	< 2.0	< 4.0	< .80	< 1.0	< 2.0	< .30	< .30	< .30	< .40
BICARBONATE MG/L	272	292	314	113	134	162	169	165	141
BISMUTH UG/L	< 11	< 10	< 8.0	< 5.0	< 4.0	< .90	< 2.0	< 2.0	< 4.0
BORON UG/L	32	23	5.0	13	11	15	12	12	10
CADMIUM UG/L	0	0	0	0	0	1	0	1	0
CALCIUM MG/L	150	130	76	45	37	42	46	44	43
CARBONATE MG/L	0	0	0	0	0	0	0	--	0
CHLORIDE MG/L	20	22	6.4	34	7.8	6.8	8.7	9.0	9.8
CHROMIUM UG/L	< 6	< 10	< 6	< 5	< 2	< 2	< 2	< 2	< 3
COBALT UG/L	< 5.0	< 10	< 4.0	< 3.0	< 4.0	< 1.0	< 2.0	< 2.0	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	14	260	46	8.0	2.0	1.0	1.0	2.0	77
CYANIDE MG/L	0	.01	0	0	0	0	.01	0	0
DISS SOLIDS SUM MG/L	542	486	320	207	145	163	173	91	157
FLUORIDE MG/L	.20	.20	.20	1.1	.10	.20	.10	.10	1.2
GALLIUM UG/L	< 3.0	< 5.0	< 2.0	< 2.0	< 2.0	< .50	< .70	< .60	< .80
GERMANIUM UG/L	< 8.0	< 10	< 6.0	< 5.0	< 4.0	< 2.0	< 2.0	< 2.0	< 3.0
HARDNESS TOTAL MG/L	465	415	313	147	131	141	156	151	139
HARDNESS NONCARB MG/L	242	176	56	54	21	8	17	16	23
IRON UG/L	40	23	71	15	120	95	220	100	140
LEAD UG/L	< 8.0	< 9.0	< 6.0	< 5.0	< 4.0	< 2.0	< 2.0	4.0	4.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	2.0	2.0	2.0	2.0	< 10
MAGNESIUM MG/L	22	22	30	8.4	9.4	8.8	10	10	7.6
MANGANESE UG/L	< 5.0	< 5.0	9.0	< 2.0	18	22	20	13	31
MBAS MG/L	.03	.03	.03	.02	.03	.01	0	0	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 5.0	< 5.0	< 4.0	< 2.0	< 2.0	< .40	< .70	< .30	< 2.0
NICKEL UG/L	< 8.0	< 10	< 6.0	< 5.0	< 4.0	< .90	< 2.0	< .70	< 3.0
NITRATE AS N MG/L	1.6	1.9	2.8	.30	.34	.34	.40	.57	.20
NITRITE AS N MG/L	--	--	--	--	.01	0	0	.01	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.10	.03	.14	.09	.30	.06	.28	.20	.43
PH UNITS	7.6	7.5	7.9	7.9	8.2	7.9	7.9	--	7.6
PHENOLS UG/L	5.0	--	0	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	0	.00	0	.00	.01	.04	.02	.01	.04
POTASSIUM MG/L	1.5	1.5	.80	1.6	1.0	1.0	1.0	1.4	1.2
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	5	0	5	2	2	2	0	0	5
SILICA MG/L	4.2	5.0	7.7	1.0	1.0	1.6	.70	1.1	1.9
SILVER UG/L	< .50	< 1.0	< .40	< .50	< .40	< .20	< .20	< .20	< .20
SODIUM MG/L	8.8	10	3.1	21	4.0	4.1	4.0	4.7	3.7
SPECIFIC COND UMHOS	827	772	551	368	340	350	410	321	292
STRONTIUM UG/L	870	2100	220	170	100	100	110	97	110
SULFATE MG/L	200	150	39	39	18	18	19	20	19
TIN UG/L	< 11	< 10	< 8.0	< 5.0	< 4.0	< 2.0	< 2.0	< 2.0	< 4.0
TITANIUM UG/L	< 8.0	< 7.0	< 6.0	< 2.0	< 4.0	< 2.0	5.0	2.0	5.0
VANADIUM UG/L	< 5.0	< 10	< 4.0	< 5.0	< 2.0	< .90	< 1.0	< 2.0	< 2.0
ZINC UG/L	< 730	20	< 540	< 300	10	20	10	0	< 240
ZIRCONIUM UG/L	< 16	< 12	< 12	< 7.0	< 6.0	< 2.0	< 2.0	< 2.0	< 6.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ONONDAGA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	425641076255202	ONONDAGA COUNTY WA-SKANEATELES LAKE
B	425641076255201	ONONDAGA COUNTY WA-SKANEATELES LAKE
C	425643076255300	SKANEATELES(V)-SKANEATELES LAKE
D	425900076070001	SOUTHWOOD*JAMESVILLE-WELLS
E	425641076255200	SYRACUSE(C)-SKANEATELES LAKE

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	E	E	E	E
TYPE OF WATER SAMPLED...	RAW	TREATED	DISTRBY	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	12/07/70	12/07/70	11/07/73	02/22/73	07/12/71	10/22/71	01/19/72	04/10/72	05/16/72
ALUMINUM UG/L	9.0	40	75	8.0	20	33	32	42	20
ANSENIC UG/L	0	0	< 1	0	3	0	0	1	0
BARIUM UG/L	25	27	25	68	32	32	23	26	47
BERYLLIUM UG/L	< .40	< .40	< .70	< 3.0	< .30	< .70	< .60	< 2.0	< 2.0
BICARBONATE MG/L	110	112	110	296	117	116	120	117	113
BISMUTH UG/L	< 2.0	< 2.0	< 4.0	< 8.0	< 2.0	< 4.0	< 3.0	< 4.0	< 6.0
BORON UG/L	10	8.0	9.0	15	11	12	8.0	10	15
CADMIUM UG/L	2	0	0	0	1	1	0	4	0
CALCIUM MG/L	37	37	33	91	37	36	37	37	37
CARBONATE MG/L	0	0	0	0	2	0	0	0	0
CHLORIDE MG/L	4.0	4.5	5.2	22	4.3	3.7	3.8	4.0	4.0
CHROMIUM UG/L	< 2	< 2	< 2	< 6	< 3	< 4	< 2	< 4	< 6
COBALT UG/L	< 2.0	< 2.0	< 4.0	< 8.0	< .70	< 2.0	< 3.0	< 4.0	< 4.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	< 2
COPPER UG/L	14	44	25	438	17	14	10	11	46
CYANIDE MG/L	0	0	0	0	.01	0	0	0	0
DISS SOLIDS SUM MG/L	130	129	122	361	133	127	131	131	130
FLUORIDE MG/L	0	.10	.90	.28	.10	.10	.10	.10	.10
GALLIUM UG/L	ND	ND	< 2.0	< 4.0	< .70	< 2.0	< .60	< 2.0	< 6.0
GERMANIUM UG/L	< 2.0	< 2.0	< 4.0	< 8.0	< 3.0	< 8.0	< 3.0	< 6.0	< 13
HARDNESS TOTAL MG/L	117	118	111	310	119	117	120	121	119
HARDNESS NONCARB MG/L	21	26	21	67	28	22	22	25	26
IRON UG/L	6.0	30	50	< 8.0	47	110	60	150	60
LEAD UG/L	< 2.0	< 2.0	< 4.0	< 8.0	2.0	2.0	3.0	< 6.0	7.0
LITHIUM UG/L	.80	.80	0	< 10	2.0	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	6.1	6.2	7.0	20	6.5	6.7	6.7	6.9	6.5
MANGANESE UG/L	< 2.0	< 2.0	2.0	< 6.0	4.0	3.0	3.0	4.0	3.0
MBAS MG/L	.02	.01	0	.03	0	.02	.01	.02	.01
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .70	< .70	< 2.0	< 4.0	.48	< .70	< 2.0	< 2.0	< 6.0
NICKEL UG/L	< 2.0	< 2.0	< 4.0	< 8.0	< 3.0	< 2.0	< 3.0	< 4.0	< 4.0
NITRATE AS N MG/L	.60	.60	.52	1.5	.50	.48	.58	.58	.60
NITRITE AS N MG/L	0	0	.00	--	.01	--	--	--	--
NITROGEN NH4 AS N MG/L	0	0	--	--	.01	--	--	--	--
NITROGEN NH4+ORG-N MG/L	--	--	.01	.23	.40	.14	.11	.15	.12
PH UNITS	8.1	7.8	8.1	8.1	8.3	8.1	8.1	7.6	8.1
PHENOLS UG/L	1.0	0	--	--	7.0	2.0	0	0	--
PHOSPHORUS AS P MG/L	.02	.04	.01	.01	.15	.01	.01	0	.05
POTASSIUM MG/L	.80	.80	1.1	2.5	.98	1.0	1.1	.98	1.0
RUBIDIUM UG/L	< .50	< .50	--	--	< .30	--	--	--	--
SELENIUM UG/L	4	2	0	0	0	0	3	2	2
SILICA MG/L	1.3	2.0	1.6	4.5	.98	.60	1.4	1.6	1.6
SILVER UG/L	< .20	< .20	< .50	< .80	< .30	< .30	< .30	< .40	< 2.0
SODIUM MG/L	2.3	2.3	2.8	11	2.3	2.7	2.5	2.5	2.4
SPECIFIC CUND UMHOS	237	239	239	616	237	233	238	243	242
STRONTIUM UG/L	74	75	80	2600	78	94	66	76	140
SULFATE MG/L	20	20	16	63	21	19	19	20	21
TIN UG/L	< 2.0	< 2.0	< 4.0	< 8.0	< 3.0	< 8.0	< 3.0	< 4.0	< 13
TITANIUM UG/L	< 2.0	2.0	< 2.0	< 8.0	< 3.0	< .70	2.0	< 4.0	< 13
VANADIUM UG/L	< 2.0	< 2.0	< 2.0	< 8.0	< 2.0	< 2.0	< 2.0	< 3.0	< .30
ZINC UG/L	< 140	< 140	90	28	< 140	< 330	< 170	< 160	< 280
ZIRCONIUM UG/L	ND	ND	< 4.0	< 17	< 2.0	< 7.0	< 6.0	< 16	< 13

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ONONDAGA COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	425641076255200	SYRACUSE(C)-SKANEATELES LAKE

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	06/01/72	06/13/72	07/11/72	07/27/72	08/10/72	08/22/72	09/08/72	09/19/72	10/04/72
ALUMINUM UG/L	50	31	56	35	55	70	61	65	43
ARSENIC UG/L	1	2	1	0	0	0	1	0	0
BARIUM UG/L	24	20	24	27	24	24	24	21	26
BERYLLIUM UG/L	< .00	< 2.0	< .70	< 2.0	< 2.0	< 1.0	< .70	< 1.0	< 2.0
BICARBONATE MG/L	111	116	114	109	112	109	107	113	113
BISMUTH UG/L	< 3.0	< 3.0	< 4.0	< 4.0	< 7.0	< 3.0	< 2.0	< 3.0	< 3.0
BORON UG/L	10	6.0	8.0	5.0	6.0	9.0	9.0	6.0	9.0
CADMIUM UG/L	0	0	0	1	0	--	1	0	0
CALCIUM MG/L	36	38	37	36	36	35	36	37	38
CARBONATE MG/L	0	0	0	2	3	4	0	0	2
CHLORIDE MG/L	4.2	3.8	3.7	5.0	2.9	4.0	8.9	4.1	3.5
CHROMIUM UG/L	< 3	< 6	< 4	< 7	< 7	< 3	< 2	< 3	< 7
COBALT UG/L	< 3.0	< 3.0	< 4.0	< 4.0	< 3.0	< 2.0	< 3.0	< 3.0	4.0
COLIFORM COL/100 ML	1	3	8	250	55	5	< 1	40	36
COPPER UG/L	15	8.0	17	17	13	10	13	13	5.0
CYANIDE MG/L	0	0	0	0	0	0	.01	0	0
DISS SOLIDS SUM MG/L	126	131	129	129	129	128	129	129	128
FLUORIDE MG/L	.10	.10	.10	.10	.10	.10	.10	.10	.10
GALLIUM UG/L	< 2.0	< 3.0	< 4.0	< 4.0	< 3.0	< 2.0	< 2.0	< 2.0	< 3.0
GERMANIUM UG/L	< 5.0	< 6.0	< 7.0	< 7.0	< 7.0	< 3.0	< 3.0	< 5.0	< 7.0
HARDNESS TOTAL MG/L	116	123	121	118	117	115	115	119	116
HARDNESS NONCARB MG/L	25	28	27	25	21	19	28	26	20
IRON UG/L	43	67	66	56	45	55	88	93	92
LEAD UG/L	< 2.0	< 3.0	< 4.0	< 4.0	< 3.0	< 3.0	< 2.0	< 2.0	< 3.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	6.3	6.9	6.9	6.8	6.7	6.7	6.2	6.5	6.4
MANGANESE UG/L	3.0	4.0	6.0	5.0	4.0	4.0	4.0	7.0	5.0
MBAS MG/L	.01	.01	.01	.01	0	.02	.03	0	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 2.0	< .70	< .70	< .70	< .60	< 2.0	< 2.0	< .70
NICKEL UG/L	< 3.0	< 3.0	< 4.0	< 2.0	< 3.0	< 3.0	< 2.0	< 3.0	< 2.0
NITRATE AS N MG/L	.60	.50	.50	.70	.50	.48	.50	.40	.40
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.28	.30	.27	.23	.36	.31	.25	.37	.28
PH UNITS	8.2	8.1	8.3	8.4	8.5	8.7	8.0	8.2	8.4
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.08	.01	.01	.01	.08	.01	.00	.06	.01
POTASSIUM MG/L	1.3	1.0	.98	.88	.98	.98	.90	.90	1.0
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	1	0	0	0	0	0	1
SILICA MG/L	1.5	1.5	1.2	1.3	1.2	1.2	1.2	1.2	1.2
SILVER UG/L	< .20	< .60	< .70	< .70	< .70	< .30	< .30	< .30	< .70
SODIUM MG/L	2.8	2.3	2.3	2.4	2.3	2.3	2.3	2.3	2.4
SPECIFIC COND UMHOS	241	241	236	236	235	235	242	233	231
STRONTIUM UG/L	64	54	63	59	64	60	58	56	75
SULFATE MG/L	21	20	20	20	20	20	20	21	19
TIN UG/L	< 3.0	< 3.0	< 7.0	< 7.0	< 7.0	< 3.0	< 3.0	< 3.0	< 7.0
TITANIUM UG/L	< 2.0	< 2.0	< 4.0	< 2.0	< 3.0	2.0	< 2.0	2.0	< 2.0
VANADIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 7.0
ZINC UG/L	< 200	< 130	< 310	< 320	< 210	< 210	< 130	< 200	< 140
ZIRCONIUM UG/L	< 7.0	< 6.0	< 7.0	< 7.0	< 3.0	< 5.0	< 7.0	< 7.0	< 7.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ONONDAGA COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF DATA SAMPLED
	A	425641076255200	SYRACUSE(C)-SKANEATELES LAKE

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	10/19/72	11/02/72	11/16/72	11/30/72	12/12/72	12/28/72	01/09/73	01/25/73	02/07/73
ALUMINUM UG/L	49	120	75	100	67	44	55	85	90
ARSENIC UG/L	0	0	0	0	0	0	0	0	0
BARIUM UG/L	26	22	26	25	23	20	23	21	22
BERYLLIUM UG/L	< 1.0	< 1.0	< .70	< 1.0	< .70	< .78	< 1.0	< .70	< 1.0
BICARBONATE MG/L	116	116	117	121	115	119	117	119	115
BISMUTH UG/L	< 3.0	< 3.0	< 6.0	< 3.0	< 3.0	< 3.0	< 6.0	< 3.0	< 3.0
BORON UG/L	8.0	9.0	9.0	11	8.0	8.0	9.0	11	7.0
CADMIUM UG/L	0	1	2	0	0	1	1	1	0
CALCIUM MG/L	38	37	38	39	38	38	38	39	38
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	3.0	4.0	4.0	4.0	4.2	4.0	7.2	3.5	3.5
CHROMIUM UG/L	< 3	< 3	< 6	< 3	< 3	< 3	< 6	< 3	< 3
COBALT UG/L	< 3.0	< 3.0	< 6.0	< 3.0	< 3.0	< 3.0	< 6.0	< 3.0	< 3.0
COLIFORM COL/100 ML	33	< 1	K 1	K 1	K 1	K 4	< 1	K 1	K 1
COPPER UG/L	<.0	5.0	4.0	4.0	3.0	2.0	2.0	9.0	4.0
CYANIDE MG/L	0	0	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	131	129	132	135	133	135	136	134	130
FLUORIDE MG/L	.10	.10	.10	.10	.10	.10	.10	.10	.10
GALLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0
GERMANIUM UG/L	< 3.0	< 3.0	< 6.0	< 3.0	< 5.0	< 5.0	< 6.0	< 3.0	< 5.0
HARDNESS TOTAL MG/L	122	120	122	125	123	123	124	126	122
HARDNESS NONCARB MG/L	26	25	27	26	29	26	28	29	27
IRON UG/L	70	140	100	150	110	83	86	130	90
LEAD UG/L	< 3.0	< 3.0	3.0	< 3.0	< 3.0	< 3.0	< 6.0	< 3.0	< 3.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	6.7	6.7	6.7	6.8	6.8	6.9	7.0	7.0	6.5
MANGANESE UG/L	4.0	4.0	5.0	5.0	4.8	3.0	3.0	3.0	4.0
MBAS MG/L	.02	.02	.01	.01	.01	.01	0	.01	.01
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< .78	< .78	< 2.0	< .70	< 1.0
NICKEL UG/L	< 3.0	< 3.0	< 6.0	< 3.0	< 3.0	< 3.0	< 6.0	< 3.0	< 3.0
NITRATE AS N MG/L	.50	.50	.50	.50	.60	.50	.50	.60	.60
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.10	.23	.15	.17	.19	.06	.15	.11	.02
PH UNITS	8.2	8.0	8.2	7.8	7.7	7.9	8.0	8.1	8.0
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHONUS AS P MG/L	.00	.01	.00	.00	.00	.00	.00	.00	.01
POTASSIUM MG/L	.00	.00	1.0	1.1	.00	.00	.00	.90	1.0
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	0	4	0	0	1	1	1	0
SILICA MG/L	1.2	1.3	1.5	1.4	1.5	1.4	1.5	1.5	1.5
SILVER UG/L	< .30	< .30	< .40	< .30	< .30	< .30	< .40	< .30	< .30
SODIUM MG/L	2.4	2.4	2.3	2.5	2.4	2.4	2.4	2.5	2.4
SPECIFIC COND UMHOS	234	234	237	243	243	242	243	241	242
STRONTIUM UG/L	66	75	81	75	73	65	65	78	66
SULFATE MG/L	19	19	20	20	22	22	21	20	20
TIN UG/L	< 3.0	< 3.0	< 6.0	< 3.0	< 3.0	< 3.0	< 6.0	< 3.0	< 3.0
TITANIUM UG/L	6.0	< 3.0	3.0	6.0	< 2.0	< 2.0	< 6.0	3.0	2.0
VANADIUM UG/L	< 3.0	< 3.0	< 6.0	< 3.0	< 3.0	< 3.0	< 6.0	< 3.0	< 3.0
ZINC UG/L	< 210	20	50	40	30	30	20	30	40
ZIRCONIUM UG/L	< 7.0	< 5.0	< 5.0	< 7.0	< 3.0	< 3.0	< 6.0	< 5.0	< 5.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ONONDAGA COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	425641076255208	SYRACUSE(C)-SKANEATELES LAKE

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	02/21/73	03/08/73	03/28/73	04/03/73	04/18/73	05/01/73	06/10/74	09/11/74	12/10/74
ALUMINUM UG/L	46	44	120	71	70	53	46	60	95
ARSENIC UG/L	0	0	0	0	0	0	0	< 1	1
BARIUM UG/L	20	22	24	25	23	21	24	27	27
BERYLLIUM UG/L	< .70	< 1.0	< .70	< .70	< .70	< 1.0	< 1.0	< .20	< .30
BICARBONATE MG/L	121	121	112	114	120	125	114	116	118
BISMUTH UG/L	< 4.0	< 3.0	< 3.0	< 3.0	< 3.0	< 4.0	< 3.0	< .70	< 1.0
BORON UG/L	10	11	11	10	9.0	10	9.0	12	15
CADMIUM UG/L	0	0	0	1	0	1	0	1	2
CALCIUM MG/L	40	38	37	37	38	42	33	33	35
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	4.0	3.5	4.5	4.0	3.8	4.8	4.4	4.3	4.6
CHROMIUM UG/L	< 4	< 3	< 3	< 3	< 3	< 4	< 2	< 1	< 1
COBALT UG/L	< 4.0	< 3.0	< 3.0	< 3.0	< 3.0	< 4.0	< 3.0	< .70	< 1.0
COLIFORM COL/100 ML	K 2	< 1	< 1	K 6	--	K 1	--	--	--
COPPER UG/L	12	6.0	18	4.0	13	5.0	7.0	5.0	10
CYANIDE MG/L	.01	0	.02	0	.01	0	0	0	.01
DISS SOLIDS SUM MG/L	136	134	129	131	133	142	125	125	130
FLUORIDE MG/L	.10	.10	.10	.20	0	.20	.10	.20	.10
GALLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< .30	< .50
GERMANIUM UG/L	< 4.0	< 3.0	< 4.0	< 3.0	< 3.0	< 4.0	< 3.0	< 1.0	< 1.0
HARDNESS TOTAL MG/L	126	123	120	120	122	132	110	111	116
HARDNESS NONCARB MG/L	29	24	28	26	24	30	16	16	19
IRON UG/L	54	96	180	150	150	140	110	280	250
LEAD UG/L	< 4.0	< 3.0	< 3.0	< 3.0	< 3.0	< 4.0	< 3.0	< 1.0	2.0
LITHIUM UG/L	< 10	< 10	10	--	--	--	1.0	1.0	1.0
MAGNESIUM MG/L	6.9	6.8	6.6	6.7	6.7	6.7	6.7	7.0	7.0
MANGANESE UG/L	3.0	3.0	4.0	4.0	3.0	4.0	4.0	4.0	5.0
MBAS MG/L	.02	.01	.02	.02	.02	.02	.01	.01	0
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	.50	< .50
MOLYBDENUM UG/L	< 2.0	< 2.0	< 2.0	< 1.0	< 1.0	< 2.0	< 2.0	.40	< .50
NICKEL UG/L	< 4.0	3.0	< 3.0	< 3.0	< 3.0	< 4.0	< 3.0	1.0	1.0
NITRATE AS N MG/L	.60	.60	.50	.60	.50	.60	.54	.43	.56
NITRITE AS N MG/L	--	--	--	--	--	--	.01	0	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.14	.23	.08	.16	.45	.04	.18	.09	.16
PH UNITS	8.1	8.2	8.0	8.1	8.3	8.2	7.8	8.0	7.6
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.00	.01	.00	.04	.01	.00	.01	.01	0
POTASSIUM MG/L	.90	.90	.90	.90	.80	.90	.80	1.0	.80
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	1	0	1	1	1	2	3	0
SILICA MG/L	1.7	1.6	1.7	1.7	1.7	1.8	1.3	.80	1.4
SILVER UG/L	< .40	< .30	< .30	< .30	< .30	< .40	< .30	< .10	< .10
SODIUM MG/L	2.4	2.4	2.5	2.3	2.5	2.5	2.7	2.5	2.5
SPECIFIC COND UMHOS	247	237	241	238	240	241	300	265	320
STRONTIUM UG/L	58	72	67	66	70	62	75	77	73
SULFATE MG/L	20	21	20	21	20	21	19	19	20
TIN UG/L	< 4.0	< 3.0	< 3.0	< 3.0	< 3.0	< 4.0	< 3.0	< 1.0	< 1.0
TITANIUM UG/L	< 4.0	< 2.0	2.0	< 2.0	< 2.0	< 4.0	< 3.0	< 1.0	4.0
VANADIUM UG/L	< 4.0	< 3.0	< 3.0	< 3.0	< 3.0	< 4.0	< 2.0	< .70	< .80
ZINC UG/L	10	20	30	40	0	20	20	10	40
ZIRCONIUM UG/L	< 7.0	< 4.0	< 5.0	< 4.0	< 4.0	< 7.0	< 5.0	< 2.0	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ONONDAGA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	425641076255200	SYRACUSE(C)-SKANEATELES LAKE
B	425641076255203	SYRACUSE(C)-SKANEATELES LAKE
C	424526076063400	TULLY(V)-WELL

SYSTEM(S) ON THIS PAGE..	A	B	B	B	B	C
TYPE OF WATER SAMPLED...	RAW	TREATED	TREATED	TREATED	TREATED	DISTRIB
DATE.....	01/13/75	07/12/71	10/22/71	01/19/72	04/10/72	09/22/71
ALUMINUM UG/L	140	12	68	76	42	15
ARSENIC UG/L	0	0	0	0	1	1
BARIUM UG/L	24	28	33	25	22	120
BERYLLIUM UG/L	< .38	< .30	< .78	< .70	< 2.0	< .98
BICARBONATE MG/L	116	117	112	116	113	308
BISMUTH UG/L	< 1.0	< 2.0	< 4.0	< 4.0	< 3.0	< 9.0
BORON UG/L	6.0	7.0	12	10	8.0	40
CADMIUM UG/L	1	0	0	0	0	0
CALCIUM MG/L	34	38	36	37	36	91
CARBONATE MG/L	0	0	0	0	0	0
CHLORIDE MG/L	4.3	5.5	3.9	4.1	4.6	28
CHROMIUM UG/L	< 2	< 3	< 4	< 3	< 3	< 6
COBALT UG/L	< 1.0	< .78	< 2.0	< 4.0	< 1.0	< 4.0
CULIFORM COL/100 ML	--	--	--	--	--	--
COPPER UG/L	2.0	47	130	65	68	21
CYANIDE MG/L	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	131	132	127	133	131	342
FLUORIDE MG/L	.28	0	1.1	1.1	1.3	0
GALLIUM UG/L	< .58	< .78	< 2.0	< .70	< 2.0	< 2.0
GERMANIUM UG/L	< 1.0	< 3.0	< 8.0	< 4.0	< 5.0	< 6.0
HARDNESS TOTAL MG/L	116	121	118	122	118	297
HARDNESS NONCARB MG/L	19	25	26	27	25	45
IRON UG/L	140	22	67	60	62	18
LEAD UG/L	< .58	< .78	2.0	< 2.0	< 5.0	< 6.0
LITHIUM UG/L	< .38	2.0	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	7.5	6.4	6.8	7.3	6.8	17
MANGANESE UG/L	4.0	3.0	2.0	3.0	2.0	< 4.0
MBAS MG/L	0	0	.03	.01	.02	.06
MERCURY UG/L	< .58	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .38	< .78	< .78	< 2.0	< 2.0	< 4.0
NICKEL UG/L	< .58	< 3.0	< 2.0	< 4.0	< 3.0	< 6.0
NITRATE AS N MG/L	.59	.45	.48	.50	.50	3.6
NITRITE AS N MG/L	0	0	--	--	--	--
NITROGEN NH4 AS N MG/L	--	.81	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.10	.22	.28	.19	.14	.05
PH UNITS	7.7	8.2	7.9	7.7	7.3	7.7
PHENOLS UG/L	--	1.0	--	1.0	0	0
PHOSPHORUS AS P MG/L	.01	.01	.01	.01	.07	0
POTASSIUM MG/L	1.0	1.0	1.0	1.0	.98	2.4
RUBIDIUM UG/L	--	< .40	--	--	--	--
SELENIUM UG/L	0	0	0	2	0	2
SILICA MG/L	1.6	.98	1.0	2.1	2.3	5.5
SILVER UG/L	< .18	< .38	< .40	< .38	< .38	< .48
SODIUM MG/L	2.6	2.3	2.6	2.5	2.5	15
SPECIFIC COND UMHOS	240	238	235	240	245	609
STRONTIUM UG/L	130	66	100	79	61	< 510
SULFATE MG/L	21	20	19	20	20	28
TIN UG/L	< 1.0	< 3.0	< 8.0	< 4.0	< 3.0	< 9.0
TITANIUM UG/L	6.0	< 3.0	1.0	5.0	< 3.0	< 6.0
VANADIUM UG/L	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0
ZINC UG/L	20	< 148	< 340	< 190	< 140	< 580
ZIRCONIUM UG/L	< 2.0	< 2.0	< 8.0	< 7.0	< 14	< 13

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ONTARIO COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	424915077160300	CANANDAIGUA(C)-CANANDAIGUA LAKE
B	425313077165400	CANANDAIGUA(C)-CANANDAIGUA LAKE
C	425741077082001	CLIFTON SPRINGS(V)-SPRINGS
D	425741077082000	CLIFTON SPRINGS(V)-SPRINGS
E	425400077250001	EAST BLOOMFIELD(V)-WELL

SYSTEM(S) ON THIS PAGE..	A	A	A	A	B	B	C	D	E
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	DISTRBN	DISTRBN	RAW	DISTRBN	RAW
DATE.....	06/12/74	09/13/74	12/06/74	03/07/75	01/11/72	01/17/72	02/28/73	01/11/72	02/28/73
ALUMINUM UG/L	10	25	25	60	88	--	28	13	7.0
ARSENIC UG/L	2	0	1	1	2	1	0	0	0
BARIUM UG/L	20	26	27	23	22	--	16	130	97
BERYLLIUM UG/L	< 1.0	< .30	< .30	< .30	< .80	--	< 4.0	< 3.0	< 3.0
BICARBONATE MG/L	122	129	131	134	127	134	134	321	337
BISMUTH UG/L	< 4.0	< .80	< 2.0	< 1.0	< 4.0	--	< 11	< 10	< 10
BORON UG/L	14	18	20	20	14	--	34	31	21
CADMIUM UG/L	0	0	1	0	1	0	0	0	0
CALCIUM MG/L	43	39	38	40	41	40	55	120	100
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	12	9.7	10	12	11	8.7	36	36	30
CHROMIUM UG/L	< 2	< 2	< 2	< 1	< 4	--	< 11	< 10	< 10
COBALT UG/L	< 4.0	< .80	< 2.0	< 1.0	< 4.0	--	< 11	< 10	< 10
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	4.0	10	5.0	6.0	22	--	< 3.0	33	2.0
CYANIDE MG/L	0	0	.01	.01	0	0	0	0	.01
DISS SOLIDS SUM MG/L	164	166	168	177	172	168	305	463	406
FLUORIDE MG/L	.20	.20	.20	.30	1.0	.10	.10	.20	.10
GALLIUM UG/L	< 1.0	< .40	< .60	< .40	< .80	--	< 5.0	< 3.0	--
GERMANIUM UG/L	< 4.0	< 2.0	< 2.0	< 2.0	< 4.0	--	< 11	< 10	< 5.0
HARDNESS TOTAL MG/L	149	136	136	145	144	141	277	431	390
HARDNESS NONCARB MG/L	48	30	29	35	39	31	167	168	113
IRON UG/L	25	32	25	70	160	--	25	16	230
LEAD UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	--	< 8.0	< 10	< 7.0
LITHIUM UG/L	1.0	2.0	1.0	2.0	< 10	--	< 10	< 10	< 10
MAGNESIUM MG/L	10	9.4	10	11	10	10	34	32	34
MANGANESE UG/L	3.0	2.0	3.0	3.0	5.0	--	< 5.0	< 5.0	8.0
MBAS MG/L	.03	.02	0	0	.02	.01	.08	.10	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	.40	< .60	.60	.98	--	< 5.0	< 5.0	< 5.0
NICKEL UG/L	< 4.0	< .80	< 2.0	< 1.0	< 2.0	--	< 11	< 10	< 10
NITRATE AS N MG/L	.37	.39	.33	.38	.38	.38	12	12	3.3
NITRITE AS N MG/L	.01	.01	0	.01	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.18	.16	.21	.14	.14	.26	0	0	.09
PH UNITS	7.8	7.6	7.5	7.5	7.6	8.1	8.0	7.7	6.1
PHENOLS UG/L	--	--	--	--	0	--	--	--	--
PHOSPHORUS AS P MG/L	.01	.01	.01	.02	.01	.03	.00	.04	.00
POTASSIUM MG/L	1.8	2.0	2.0	2.0	2.0	2.0	2.8	2.2	2.0
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	2	3	0	1	3	2	0	0	0
SILICA MG/L	2.3	2.2	2.4	2.4	3.2	2.9	10	11	4.6
SILVER UG/L	< .40	< .20	< .20	< .20	< .80	--	< 2.0	< 3.0	< 1.0
SODIUM MG/L	6.2	10	10	12	6.2	6.0	8.4	8.9	11
SPECIFIC COND UMHOS	295	320	330	311	301	296	820	800	699
STRONTIUM UG/L	88	96	92	100	90	--	220	180	180
SULFATE MG/L	28	30	31	31	35	32	81	83	50
TIN UG/L	< 4.0	< 2.0	< 2.0	< 1.0	< 4.0	--	< 11	< 10	< 10
TITANIUM UG/L	< 4.0	< 2.0	< 1.0	1.0	3.0	--	< 8.0	< 5.0	< 7.0
VANADIUM UG/L	< 2.0	< 1.0	< 1.0	< .60	< 2.0	--	< 8.0	< 5.0	< 7.0
ZINC UG/L	20	0	0	0	< 360	--	0	< 990	90
ZIRCONIUM UG/L	< 6.0	< 2.0	< 2.0	< 2.0	< 8.0	--	< 12	< 22	< 10

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ONTARIO COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	424958076583400	GENEVA(C)-SENECA LAKE

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	12/08/70	07/14/71	10/20/71	01/19/72	04/12/72	07/13/72	10/18/72	01/11/73	04/20/73
ALUMINUM UG/L	10	30	21	120	25	47	39	21	38
ARSENIC UG/L	0	0	0	1	2	0	1	10	0
BARIUM UG/L	35	29	26	< 5.0	31	27	31	23	19
BERYLLIUM UG/L	< 1.0	< 3.0	< 2.0	< 5.0	< 5.0	< 9.0	< 2.0	< 3.0	< 2.0
BICARBONATE MG/L	114	98	106	114	110	105	111	116	116
BISMUTH UG/L	< 5.0	< 13	< 10	< 21	< 10	< 9.0	< 9.0	< 10	< 8.0
BORON UG/L	16	9.0	23	18	10	17	19	15	16
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	37	39	41	44	46	40	44	45	45
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	174	170	180	190	190	160	170	170	170
CHROMIUM UG/L	< 5	< 10	< 7	< 21	< 21	< 9	< 9	< 10	< 10
COBALT UG/L	< 7.0	< 4.0	< 10	< 10	< 10	< 9.0	< 4.0	< 10	< 5.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	4.3	24	34	3.0	7.0	22	5.0	8.0	30
CYANIDE MG/L	0	0	0	0	0	.01	0	--	.01
DISS SOLIDS SUM MG/L	326	402	428	458	454	403	424	429	429
FLUORIDE MG/L	.10	.10	.20	.10	.10	.20	.10	.20	.10
GALLIUM UG/L	ND	< 4.0	< 2.0	< 5.0	< 10	< 9.0	< 4.0	< 5.0	< 3.0
GERMANIUM UG/L	< 7.0	< 20	< 15	< 21	< 21	< 18	< 19	< 10	< 10
HARDNESS TOTAL MG/L	126	133	142	149	156	140	148	153	154
HARDNESS NONCARB MG/L	32	52	55	55	66	54	57	58	58
IRON UG/L	17	36	39	100	26	92	57	51	500
LEAD UG/L	< 5.0	< 6.0	< 7.0	< 21	< 10	< 9.0	< 4.0	47	< 21
LITHIUM UG/L	11	25	20	30	30	20	40	30	--
MAGNESIUM MG/L	8.1	8.6	9.6	9.4	10	9.8	9.3	9.9	10
MANGANESE UG/L	< 5.0	< 4.0	< 7.0	< 5.0	< 10	< 18	< 4.0	< 7.0	< 5.0
MBAS MG/L	.04	.05	.05	.04	.04	.03	.04	.03	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	.90
MOLYBDENUM UG/L	< 2.0	2.0	< 5.0	< 5.0	< 5.0	< 4.0	< 2.0	< 5.0	< 3.0
NICKEL UG/L	< 5.0	9.0	< 10	< 10	< 5.0	< 9.0	< 4.0	17	< 7.0
NITRATE AS N MG/L	.40	.10	.10	.30	.40	.20	.30	.50	.30
NITRITE AS N MG/L	0	.04	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	3	.14	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	--	.40	.32	.30	.48	.52	.27	.32	.23
PH UNITS	8.1	8.1	8.1	7.9	8.1	8.3	8.2	8.0	8.0
PHENOLS UG/L	0	4.0	0	0	0	--	--	--	--
PHOSPHORUS AS P MG/L	.04	.02	.02	.01	.01	.02	.01	.02	.01
POTASSIUM MG/L	2.7	2.3	3.1	3.1	3.0	2.7	3.0	2.9	2.9
RUBIDIUM UG/L	2.0	< 4.0	--	--	--	--	--	--	--
SELENIUM UG/L	2	3	0	2	3	0	6	3	1
SILICA MG/L	.50	.10	.20	.70	.50	.10	.20	.50	.20
SILVER UG/L	< .50	< 1.0	< .70	< 3.0	< 5.0	< 2.0	< .90	< 1.0	< 1.0
SODIUM MG/L	100	92	100	120	110	96	100	100	100
SPECIFIC COND UMHOS	823	791	816	830	849	778	835	833	827
STRONTIUM UG/L	340	340	280	310	290	280	320	270	310
SULFATE MG/L	37	41	42	44	44	42	43	43	43
TIN UG/L	< 7.0	< 10	< 15	< 21	< 10	< 18	< 9.0	19	< 10
TITANIUM UG/L	< 5.0	< 4.0	< 10	< 10	< 10	< 9.0	< 4.0	< 10	< 10
VANADIUM UG/L	< 7.0	< 10	< 7.0	< 21	< 10	< 9.0	< 4.0	< 10	< 7.0
ZINC UG/L	< 410	< 560	< 630	< 450	< 450	< 390	< 600	20	0
ZIRCONIUM UG/L	ND	< 20	< 20	< 45	< 21	< 18	< 19	< 20	< 15

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ONTARIO COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	424958076583400	GENEVA(C)-SENECA LAKE
B	424958076583401	GENEVA(C)-SENECA LAKE

SYSTEM(S) ON THIS PAGE...	A	A	A	A	H	B	B	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	06/12/74	09/13/74	12/06/74	03/07/75	12/08/70	07/14/71	10/20/71	01/19/72	04/12/72
ALUMINUM UG/L	20	30	35	100	16	10	10	27	6.0
ARSENIC UG/L	1	1	2	1	0	0	0	0	2
BARIUM UG/L	30	32	31	30	36	31	33	< 5.0	29
BERYLLIUM UG/L	< 3.0	< .70	< .70	< .70	< 1.0	< 3.0	< 2.0	< 5.0	< 5.0
BICARBONATE MG/L	110	99	113	116	110	117	110	116	112
BISMUTH UG/L	< 9.0	< 2.0	< 3.0	< 3.0	< 4.0	< 13	< 10	< 21	< 10
BORON UG/L	16	9.0	--	35	16	20	31	19	14
CADMIUM UG/L	0	0	0	0	--	0	0	0	0
CALCIUM MG/L	41	38	49	44	41	42	43	45	44
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	170	170	180	180	168	170	180	180	190
CHROMIUM UG/L	< 5	< 3	< 3	< 3	< 4	< 10	< 7	< 21	< 21
COBALT UG/L	< 9.0	< 2.0	< 3.0	< 3.0	< 4.0	< 4.0	< 10	< 10	< 10
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	18	8.0	9.0	2.0	4.0	10	5.0	5.0	8.0
CYANIDE MG/L	.01	.03	.07	.04	0	0	0	0	0
DISS SOLIDS SUM MG/L	430	419	469	447	322	424	434	440	461
FLUORIDE MG/L	.20	.20	.10	.30	.10	.10	.40	.30	.30
GALLIUM UG/L	< 5.0	< 1.0	< 2.0	< 1.0	ND	< 4.0	< 2.0	< 5.0	< 10
GERMANIUM UG/L	< 9.0	< 2.0	< 3.0	< 4.0	< 6.0	< 20	< 15	< 21	< 21
HARDNESS TOTAL MG/L	143	134	164	151	136	146	146	151	151
HARDNESS NONCARB MG/L	52	53	71	56	46	50	56	56	59
IRON UG/L	85	90	270	100	17	21	17	7.0	6.0
LEAD UG/L	< 5.0	< 3.0	< 3.0	< 3.0	< 4.0	< 6.0	< 7.0	< 21	< 10
LITHIUM UG/L	18	23	22	20	13	20	30	30	30
MAGNESIUM MG/L	9.8	9.6	10	10	8.2	9.4	9.5	9.4	10
MANGANESE UG/L	< 9.0	< 2.0	3.0	2.0	< 4.0	< 4.0	< 7.0	< 5.0	< 10
MBAS MG/L	.04	.05	0	0	.04	.05	.05	.04	.04
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 4.0	< .70	< 2.0	< .70	< 2.0	< 2.0	< 5.0	< 5.0	< 5.0
NICKEL UG/L	< 9.0	< 2.0	< 3.0	< 2.0	< 4.0	< 8.0	< 10	< 10	< 5.0
NITRATE AS N MG/L	.18	.11	.35	.43	.40	.20	.20	.40	.40
NITRITE AS N MG/L	.01	.03	0	.01	0	.01	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	0	.06	--	--	--
NITROGEN NH4+ORG-N MG/L	.24	.28	.15	.19	--	.20	.26	.24	.25
PH UNITS	8.2	7.8	7.3	7.5	8.0	7.9	7.6	7.8	7.7
PHENOLS UG/L	--	--	--	--	0	2.0	20	0	0
PHOSPHORUS AS P MG/L	.01	.01	.02	.02	.04	.35	.54	.36	.50
POTASSIUM MG/L	2.2	2.5	3.0	2.7	2.6	2.3	3.2	2.9	3.1
RUBIDIUM UG/L	--	--	--	--	2.0	< 3.0	--	--	--
SELENIUM UG/L	< 1	2	0	0	2	3	0	2	2
SILICA MG/L	.10	.10	.70	.60	.30	.30	.20	.70	.60
SILVER UG/L	< .90	< .30	< .30	< .10	< .40	< .10	< .70	< 3.0	< 5.0
SODIUM MG/L	110	110	110	110	100	100	100	100	110
SPECIFIC COND UMHOS	920	790	1200	860	825	808	825	832	853
STRONTIUM UG/L	290	290	300	140	330	290	350	320	330
SULFATE MG/L	42	40	40	42	37	41	43	44	47
TIN UG/L	< 9.0	< 3.0	< 3.0	< 3.0	< 9.0	< 1.0	< 15	< 21	< 10
TITANIUM UG/L	< 9.0	< 3.0	< 2.0	3.0	< 4.0	< 4.0	< 10	< 10	< 10
VANADIUM UG/L	< 5.0	< 2.0	< 2.0	< 5.0	< 6.0	< 1.0	< 7.0	< 21	< 10
ZINC UG/L	0	50	10	0	< 400	< 500	< 660	< 450	< 450
ZIRCONIUM UG/L	< 14	< 5.0	5.0	--	ND	< 20	< 20	< 45	< 21

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ONTARIO COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	424958076583402	GENEVA(C)-SENECA LAKE
B	424918077153300	GORHAM-CANANDAIGUA LAKE
C	424918077153301	GORHAM-CANANDAIGUA LAKE
D	425417077251500	HOLCOMB(V)-WELL
E	424725077310900	HONEOYE HD #1-WELLS
F	425811077134700	MANCHESTER(V)-WELL

SYSTEM(S) ON THIS PAGE..	A	A	A	A	B	C	D	E	F
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	DISTRBN	RAW	TREATED	DISTRBN	DISTRBN	DISTRBN
DATE.....	07/13/72	10/18/72	01/11/73	04/20/73	01/10/72	01/10/72	11/29/73	01/10/72	01/11/72
ALUMINUM UG/L	12	39	13	4.0	35	5.0	13	4.0	5.0
ARSENIC UG/L	3	1	0	0	2	1	0	1	2
BARIUM UG/L	17	25	< 20	22	26	23	220	97	94
BERYLLIUM UG/L	< 4.0	< 2.0	< 3.0	< 2.0	< .90	< .90	< 3.0	< 2.0	< 2.0
BICARBONATE MG/L	11.	112	112	115	134	130	187	206	258
BISMUTH UG/L	< 9.0	< 9.0	< 10	< 8.0	< 3.0	< 3.0	< 10	< 5.0	< 9.0
BORON UG/L	12	17	12	20	18	18	20	17	50
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	42	42	46	49	41	40	38	60	72
CARBONATE MG/L	0	0	0	0	0	0	0	0	5
CHLORIDE MG/L	160	160	170	170	9.0	11	55	14	34
CHROMIUM UG/L	< 9	< 9	< 10	< 10	< 4	< 4	< 5	< 6	< 9
COBALT UG/L	< 9.0	< 4.0	< 10	< 5.0	< 3.0	< 3.0	< 10	< 5.0	< 9.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	23	46	32	40	6.0	12	20	9.0	35
CYANIDE MG/L	.02	.01	0	.01	0	0	.01	0	0
DISS SOLIDS SUM MG/L	406	416	429	433	170	166	381	280	366
FLUORIDE MG/L	.30	.40	.10	.30	.10	.20	.90	.10	.30
GALLIUM UG/L	< 9.0	< 4.0	< 5.0	< 3.0	< .90	< .90	< 5.0	< 2.0	< 2.0
GERMANIUM UG/L	< 19	< 19	< 10	< 10	< 4.0	< 4.0	< 10	< 6.0	< 9.0
HARDNESS TOTAL MG/L	142	143	156	164	144	141	222	224	241
HARDNESS NONCARB MG/L	51	51	64	69	34	34	69	55	71
IRON UG/L	230	180	130	140	40	10	12	17	170
LEAD UG/L	< 9.0	< 4.0	< 10	< 10	< 3.0	< 3.0	< 5.0	< 5.0	< 9.0
LITHIUM UG/L	20	40	30	--	< 10	< 10	10	< 10	10
MAGNESIUM MG/L	9.0	9.2	10	10	10	10	31	18	27
MANGANESE UG/L	< 19	< 4.0	< 7.0	< 5.0	3.0	< 2.0	< 5.0	8.0	28
MBAS MG/L	.04	.04	.04	.03	.02	.02	0	.02	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	.50	< .50	< .50
MOLYBDENUM UG/L	< 4.0	< 2.0	< 5.0	< 3.0	4.0	1.0	< 4.0	< 2.0	< 4.0
NICKEL UG/L	< 9.0	< 9.0	< 10	< 7.0	< 4.0	< 4.0	< 10	< 6.0	< 9.0
NITRATE AS N MG/L	.30	.30	.40	.40	.30	.30	3.1	1.2	.90
NITRITE AS N MG/L	--	--	--	--	--	--	.01	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.32	.24	.12	.05	.39	.16	.05	.04	.23
PH UNITS	7.9	8.1	8.0	7.9	8.0	7.8	7.8	7.8	8.3
PHENOLS UG/L	--	--	--	--	3.0	2.0	--	5.0	--
PHOSPHORUS AS P MG/L	.78	.94	.12	.35	.01	.01	.00	.00	.00
POTASSIUM MG/L	2.7	3.0	2.7	3.0	2.1	2.1	2.2	1.3	2.0
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	2	3	1	2	4	0	2	1
SILICA MG/L	.30	.30	.40	.40	2.7	2.8	9.3	7.2	9.6
SILVER UG/L	< 2.0	< .90	< 1.0	< 1.0	< .40	< .40	< 1.0	< .70	< 2.0
SODIUM MG/L	96	100	100	100	5.5	5.5	28	6.0	21
SPECIFIC COND UMHOS	788	804	831	838	296	297	587	440	674
STRONTIUM UG/L	290	320	250	290	110	110	200	110	1500
SULFATE MG/L	42	45	44	43	33	32	42	51	67
TIN UG/L	< 19	< 9.0	< 10	< 10	< 4.0	< 4.0	< 10	< 6.0	< 9.0
TITANIUM UG/L	< 9.0	< 4.0	< 10	< 10	< 2.0	< 2.0	< 5.0	< 3.0	< 4.0
VANADIUM UG/L	< 9.0	< 4.0	< 10	< 7.0	< 2.0	< 2.0	< 5.0	< 3.0	< 4.0
ZINC UG/L	< 400	< 400	< 620	--	< 190	< 190	40	< 290	< 830
ZIRCONIUM UG/L	< 19	< 19	< 20	< 15	< 9.0	< 9.0	< 10	< 14	< 18

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ONTARIO COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	423651077241000	NAPLES(V)-SPRINGS
B	425745077043100	PHELPS(V)-WELL
C	424536077133700	RUSHVILLE(V)-CANANDAIGUA LAKE
D	425857077243500	VICTOR(V)-SPRINGS

SYSTEM(S) ON THIS PAGE..	A	B	C	D
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	DISTRBN
DATE.....	01/10/72	11/29/73	02/28/73	01/11/72
ALUMINUM UG/L	12	18	160	5.0
ARSENIC UG/L	6	< 1	0	5
BARIUM UG/L	55	34	23	120
BERYLLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0
BICARBONATE MG/L	176	163	133	304
BISMUTH UG/L	< 4.0	< 5.0	< 5.0	< 6.0
BORON UG/L	10	14	17	8.0
CADMIUM UG/L	1	0	0	1
CALCIUM MG/L	56	49	41	72
CARBONATE MG/L	0	0	0	0
CHLORIDE MG/L	9.7	13	12	6.2
CHROMIUM UG/L	< 5	< 5	< 5	< 6
COBALT UG/L	< 4.0	< 5.0	< 5.0	< 6.0
COLIFORM COL/100 ML	--	--	--	--
COPPER UG/L	3.0	30	250	5.0
CYANIDE MG/L	0	.01	.01	0
DISS SOLIDS SUM MG/L	216	203	173	318
FLUORIDE MG/L	.10	.70	.10	.10
GALLIUM UG/L	< 2.0	< 3.0	< 2.0	< 2.0
GERMANIUM UG/L	< 5.0	< 5.0	< 5.0	< 6.0
HARDNESS TOTAL MG/L	193	180	142	299
HARDNESS NONCARB MG/L	49	46	33	58
IRON UG/L	45	33	85	8.0
LEAD UG/L	< 4.0	< 5.0	< 5.0	< 6.0
LITHIUM UG/L	< 10	0	< 10	< 10
MAGNESIUM MG/L	13	14	9.6	29
MANGANESE UG/L	9.0	4.0	< 3.0	< 4.0
MBAS MG/L	.02	0	0	.03
MERCURY UG/L	< .50	.80	< .50	< .50
MOLYBDENUM UG/L	2.0	< 3.0	< 2.0	< 4.0
NICKEL UG/L	< 5.0	< 5.0	< 5.0	< 8.0
NITRATE AS N MG/L	1.3	1.5	.40	2.0
NITRITE AS N MG/L	--	.01	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.02	.11	.22	.09
PH UNITS	7.9	7.8	6.2	7.8
PHENOLS UG/L	1.0	--	--	3.0
PHOSPHORUS AS P MG/L	.00	.01	.01	.00
POTASSIUM MG/L	.80	2.1	2.0	1.4
RUBIDIUM UG/L	--	--	--	--
SELENIUM UG/L	0	2	1	4
SILICA MG/L	8.0	3.0	2.5	14
SILVER UG/L	< .50	< .50	< .50	< .60
SODIUM MG/L	3.3	7.2	7.4	3.6
SPECIFIC COND UMHOS	360	368	311	534
STRONTIUM UG/L	68	120	100	280
SULFATE MG/L	37	32	33	40
TIN UG/L	< 5.0	< 5.0	< 5.0	< 6.0
TITANIUM UG/L	< 3.0	< 4.0	7.0	< 4.0
VANADIUM UG/L	< 3.0	< 5.0	< 5.0	< 8.0
ZINC UG/L	< 240	130	< 260	< 350
ZIRCONIUM UG/L	< 11	< 6.0	< 9.0	< 16

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ORANGE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	412640074064600	BEAVER DAM LAKE-WELL
B	412308074104901	BLOOMING GROVE WD-WELLS
C	412308074104900	BLOOMING GROVE WD-WELLS
D	412343074105301	BLOOMING GROVE WD #1-WELLS
E	412343074105300	BLOOMING GROVE WD #1-WELLS
F	410951074152300	BLUE LAKE-STERLING FOREST LAKE
G	410951074152301	BLUE LAKE-STERLING FOREST LAKE
H	411219074143000	BLUE LAKE-STERLING FOREST LAKE
I	412120074164500	CHESTER(V)-WALTON LAKE

SYSTEM(S) ON THIS PAGE...	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	DISTRBN	RAW	TREATED	RAW	TREATED	RAW	TREATED	DISTRBN	DISTRBN
DATE.....	02/06/73	09/06/73	09/06/73	03/14/72	03/14/72	03/27/75	03/27/75	02/07/73	03/13/72
ALUMINUM UG/L	16	60	10	7.0	2.0	120	160	440	4.0
ARSENIC UG/L	0	0	0	0	0	2	1	0	0
BARIUM UG/L	56	3.0	3.0	< 7.0	< 7.0	12	8.0	6.0	13
BERYLLIUM UG/L	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< .10	< .20	< .40	< 2.0
BICARBONATE MG/L	194	134	131	125	126	10	31	31	70
BISMUTH UG/L	< 5.0	< 4.0	< 4.0	< 4.0	< 3.0	< .30	< .60	< 2.0	< 6.0
BORON UG/L	59	12	13	11	11	10	4.0	6.0	15
CADMIUM UG/L	1	0	0	0	0	0	0	0	0
CALCIUM MG/L	36	33	32	30	31	5.0	5.0	13	26
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	4.3	6.0	7.0	5.1	6.0	3.4	4.3	3.0	17
CHROMIUM UG/L	< 5	2	2	< 4	< 3	< 1	< 1	< 2	< 6
COBALT UG/L	< 5.0	< 4.0	< 4.0	< 4.0	< 3.0	< .30	< .60	< 2.0	< 6.0
COLIFORM CGL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	9.0	3.0	13	17	.90	4.0	10	15	250
CYANIDE MG/L	.02	0	0	0	0	0	0	.01	0
DISS SOLIDS SUM MG/L	234	146	144	142	145	34	93	96	120
FLUORIDE MG/L	.30	.50	.30	.20	.20	.10	.20	.10	.10
GALLIUM UG/L	< 3.0	< 2.0	< 2.0	< 2.0	< 2.0	< .10	< .30	< .80	< 3.0
GERMANIUM UG/L	< 5.0	< 4.0	< 4.0	< 4.0	< 50	< .40	< 1.0	< 2.0	< 12
HARDNESS TOTAL MG/L	131	110	107	106	109	18	16	39	84
HARDNESS NONCARB MG/L	0	0	0	4	8	10	0	14	27
IRON UG/L	20	1000	2400	1300	110	320	90	110	120
LEAD UG/L	< 5.0	< 4.0	< 4.0	< 4.0	< 3.0	2.0	< .60	2.0	< 6.0
LITHIUM UG/L	20	10	10	10	10	.40	< .40	< 10	< 10
MAGNESIUM MG/L	10	6.7	6.7	7.6	7.7	1.3	.90	1.6	4.7
MANGANESE UG/L	24	55	25	78	7.0	130	40	39	35
MBAS MG/L	.02	.01	.03	0	0	0	0	.02	.01
MERCURY UG/L	< .50	.80	5.8	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	4.0	< 2.0	< 2.0	< 2.0	< 2.0	< .10	< .30	< .60	< 2.0
NICKEL UG/L	< 5.0	< 4.0	4.0	< 5.0	< 5.0	1.0	.60	3.0	< 6.0
NITRATE AS N MG/L	.20	.01	.01	0	.03	.01	.01	.08	0
NITRITE AS N MG/L	--	.01	.01	--	--	.01	0	--	--
NITROGEN NH4 AS N MG/L	--	--	.01	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.07	.02	.01	0	0	.23	.04	.11	.18
PH UNITS	8.1	7.5	7.5	7.8	7.7	6.9	7.4	8.0	7.6
PHENOLS UG/L	--	--	--	0	2.0	--	--	--	0
PHOSPHORUS AS P MG/L	.01	.05	.15	.06	.02	.02	.01	.01	.06
POTASSIUM MG/L	1.7	.70	.70	.60	.60	.30	.30	.50	1.1
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	0	3	5	0	1	0	2
SILICA MG/L	13	10	11	12	12	5.5	5.0	4.2	3.4
SILVER UG/L	< .50	0	0	< .30	< .30	< .05	< .10	< .20	< .60
SODIUM MG/L	35	10	10	9.7	10	1.7	23	15	9.8
SPECIFIC COND UMHOS	382	252	253	247	249	51	155	156	223
STRONTIUM UG/L	1100	92	90	91	86	28	34	46	87
SULFATE MG/L	38	13	12	15	15	12	39	41	23
TIN UG/L	< 5.0	< 4.0	< 4.0	< 4.0	< 3.0	< .30	< .60	< 2.0	< 6.0
TITANIUM UG/L	< 3.0	5.0	< 3.0	< 4.0	< 3.0	3.0	< .60	< .80	< 3.0
VANADIUM UG/L	< 5.0	< 2.0	< 2.0	< 3.0	< 1.0	.30	< .60	< 2.0	< 6.0
ZINC UG/L	390	60	40	< 220	< 220	10	10	< 74	< 260
ZIRCONIUM UG/L	< 8.0	< 6.0	< 5.0	ND	ND	< .50	< 1.0	< 3.0	< 12

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ORANGE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	412639074011600	CORNWALL(V)-SURFACE WATER
B	412332074201501	DAIRYLEA INC*GOSHEN-WELL
C	413029074122001	EASTERN ALLOYS*MONTGOMERY-WELL #1
D	412017074213100	FLORIDA WATERWORKS-GLENMERE LAKE
E	411146074182400	FOREST KNOLLS-WELL
F	413525074111001	GENERAL SLICING MACHINE CO*MONTGOMERY-WELLS
G	412302074195900	GOSHEN(V)-PROSPECT LAKE
H	412302074195901	GOSHEN(V)-PROSPECT LAKE
I	412355074182500	GOSHEN WATER DISTRICT NO 1-THREE WELLS

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	DISTRBN	RAW	RAW	DISTRBN	DISTRBN	RAW	RAW	TREATED	DISTRBN
DATE.....	03/14/72	02/01/73	02/01/73	09/05/73	02/04/75	02/01/73	03/16/72	03/16/72	02/04/75
ALUMINUM UG/L	27	8.0	10	14	6.0	16	23	500	10
ARSENIC UG/L	1	0	0	0	1	0	6	0	0
BARIUM UG/L	12	92	83	5.0	3.0	14	5.0	7.0	65
BERYLLIUM UG/L	< .48	< 2.0	< 1.0	0	< .20	< .48	< .30	< .60	< .60
BICARBONATE MG/L	4	186	147	25	56	44	20	42	290
BISMUTH UG/L	< 2.0	< 7.0	< 5.0	< 2.0	< .50	< 2.0	< 1.0	< 2.0	< 2.0
BORON UG/L	5.0	110	60	12	15	16	7.0	8.0	51
CADMIUM UG/L	0	0	0	0	0	0	1	0	0
CALCIUM MG/L	6.5	66	47	9.0	16	18	9.0	23	75
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	24	33	25	8.0	6.7	1.5	4.4	10	29
CHROMIUM UG/L	< 2	< 7	< 5	0	< 1	< 2	< 1	< 2	< 3
COBALT UG/L	< 2.0	< 7.0	< 5.0	< 2.0	< .40	< 2.0	< 1.0	4.0	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	470	35	33	1000	46	1000	3.0	2.0	24
CYANIDE MG/L	0	0	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	60	312	213	47	96	82	46	101	353
FLUORIDE MG/L	.10	.20	.20	.40	.50	.10	.10	.10	.20
GALLIUM UG/L	< .60	< 3.0	< 3.0	0	< .20	< .80	< .40	< 1.0	< .60
GERMANIUM UG/L	< 20	< 7.0	< 5.0	< 2.0	< .70	< 2.0	< 1.0	< 2.0	< 2.0
HARDNESS TOTAL MG/L	22	239	167	33	64	59	31	71	270
HARDNESS NONCARB MG/L	10	86	46	12	10	22	15	37	32
IRON UG/L	1200	28	36	170	20	60	40	4.0	4.0
LEAD UG/L	19	7.0	< 5.0	11	1.0	< 3.0	< 1.0	< 2.0	< 3.0
LITHIUM UG/L	< 10	20	10	0	3.0	< 10	< 10	< 10	16
MAGNESIUM MG/L	1.3	18	12	2.5	5.8	3.3	2.1	3.4	20
MANGANESE UG/L	27	78	79	--	4.0	12	53	3.0	46
MBAS MG/L	0	.02	.02	.02	0	.01	.02	.02	0
MERCURY UG/L	< .50	< .50	< .50	21	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .68	7.0	2.0	0	3.0	< .68	< 4.0	< 1.0	5.0
NICKEL UG/L	< 3.0	< 7.0	< 5.0	1.0	< .50	2.0	< 2.0	< 3.0	< 2.0
NITRATE AS N MG/L	.05	.50	.06	.01	.44	.08	.20	.10	.40
NITRITE AS N MG/L	--	--	--	0	0	--	--	--	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	0	.15	.01	.39	.06	.07	.02	.12	.02
PH UNITS	6.4	7.8	7.9	7.3	6.5	6.9	6.7	8.2	7.1
PHENOLS UG/L	--	--	--	--	--	--	0	0	--
PHOSPHORUS AS P MG/L	0	0	0	.02	.01	.00	.03	0	.10
POTASSIUM MG/L	.40	1.1	.80	.60	.50	.88	.89	1.3	.90
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	2	2	0	1	1	2	0	2	1
SILICA MG/L	6.8	13	13	1.5	17	7.6	1.8	2.8	12
SILVER UG/L	< .10	< .70	< .50	0	< .10	< .20	< .10	< .20	< .30
SODIUM MG/L	14	22	14	3.2	6.3	2.9	2.9	6.4	20
SPECIFIC COND UMHOS	124	516	375	90	170	136	86	176	680
STRONTIUM UG/L	25	1700	700	57	38	70	40	82	860
SULFATE MG/L	13	67	29	9.5	15	25	15	33	53
TIN UG/L	< 2.0	< 7.0	< 5.0	< 2.0	< .70	< 2.0	< 1.0	< 2.0	< 3.0
TITANIUM UG/L	< 2.0	< 3.0	< 3.0	< 1.0	< .50	< .80	< 1.0	< 2.0	< 2.0
VANADIUM UG/L	< 1.0	< 7.0	< 5.0	< .60	< .50	< 2.0	< .40	< 2.0	< 2.0
ZINC UG/L	110	60	60	0	20	826	< 65	< 140	60
ZIRCONIUM UG/L	ND	< 10	< 8.0	< 2.0	< 1.0	< 3.0	ND	ND	< 4.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ORANGE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	411254074173701	GREENWOOD LAKE(V)-GROUND WATER
B	411254074173700	GREENWOOD LAKE(V)-GROUND WATER
C	411919074003600	HIGHLAND FALLS(V)-HIGHLAND FALLS BROOK
D	411919074003601	HIGHLAND FALLS(V)-HIGHLAND FALLS BROOK
E	411408074124000	INDIAN KILL-INDIAN KILL RESERVOIR
F	411713074094500	LAKE SAPOHINE-WELL
G	412858074131000	MAYBROOK(V)-WELLS
H	412229074105600	MERRIWOLD WATER COMPANY-WELL
I	412739074270000	MIDDLETOWN(C)-HIGHLAND LAKE

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	RAW	DISTRBN	RAW	TREATED	DISTRBN	DISTRBN	DISTRBN	DISTRBN	RAW
DATE.....	03/16/72	03/16/72	03/14/72	03/14/72	02/07/73	02/08/73	09/05/73	02/08/73	03/13/72
ALUMINUM UG/L	38	57	200	110	690	260	14	6.0	5.0
ARSENIC UG/L	1	0	1	0	0	0	0	0	1
BARIUM UG/L	11	13	17	13	9.0	11	32	< 9.0	8.0
BERYLLIUM UG/L	< 2.0	< 2.0	< .70	< 2.0	< .30	.30	< 2.0	< 2.0	< .50
BICARBONATE MG/L	81	80	16	49	21	6	230	159	23
BISMUTH UG/L	< 4.0	< 4.0	< 4.0	< 5.0	< 2.0	< .60	< 7.0	< 5.0	< 3.0
BORON UG/L	17	18	6.0	3.0	7.0	9.0	24	18	8.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	33	34	9.0	9.0	12	5.7	68	0	11
CARBONATE MG/L	0	0	0	6	0	0	0	0	0
CHLORIDE MG/L	8.0	8.5	19	23	4.2	4.0	39	7.2	5.4
CHROMIUM UG/L	< 4	< 4	< 4	< 5	< 2	< 1	< 3	< 5	< 3
COBALT UG/L	< 4.0	3.0	< 4.0	< 5.0	< 2.0	1.0	< 7.0	< 5.0	< 3.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	5.0	3.0	16	1.0	3.0	260	32	24	8.0
CYANIDE MG/L	0	0	0	0	0	0	.01	0	0
DISS SOLIDS SUM MG/L	178	180	72	120	79	50	312	200	56
FLUORIDE MG/L	1.3	1.4	.10	.50	0	.30	.30	.30	.10
GALLIUM UG/L	< 2.0	< 2.0	< 2.0	< 3.0	< .70	< .40	< 3.0	< 2.0	< 1.0
GERMANIUM UG/L	< 50	< 4.0	< 7.0	< 11	< 2.0	< .85	< 7.0	< 5.0	< 5.0
HARDNESS TOTAL MG/L	119	122	30	30	37	19	215	0	36
HARDNESS NONCARB MG/L	53	57	17	0	28	14	26	0	17
IRON UG/L	2200	3000	240	46	110	41	7.0	660	29
LEAD UG/L	< 4.0	3.0	< 4.0	< 5.0	< 2.0	2.0	< 7.0	< 5.0	< 3.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	10	< 10	< 10
MAGNESIUM MG/L	9.0	9.1	1.9	1.8	1.8	1.2	11	0	2.0
MANGANESE UG/L	750	840	73	3.0	49	56	21	12	17
MBAS MG/L	.02	.03	.01	.01	.01	.02	.02	.01	.01
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 2.0	< .70	< 2.0	< .50	< .30	< 3.0	< 2.0	< .50
NICKEL UG/L	12	14	< 4.0	< 5.0	< 2.0	2.0	< 7.0	< 5.0	< 3.0
NITRATE AS N MG/L	.60	.60	.20	.20	.20	.60	.80	.85	.88
NITRITE AS N MG/L	--	--	--	--	--	--	.01	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.10	0	.06	.02	.40	.14	.07	.02	.86
PH UNITS	6.8	6.8	7.1	9.1	6.8	5.7	7.6	8.2	7.0
PHENOLS UG/L	0	2.0	1.8	1.0	--	--	--	--	0
PHOSPHORUS AS P MG/L	3.7	3.9	0	0	0	.01	.00	.03	0
POTASSIUM MG/L	.80	.80	.70	.70	.70	.80	2.4	.10	1.0
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	2	2	0	5	1	0	0	0	5
SILICA MG/L	11	11	6.6	6.3	5.1	9.0	12	22	3.7
SILVER UG/L	< .40	< .40	< .30	< .50	< .20	< .06	< 1.0	< .50	< .20
SODIUM MG/L	10	11	11	30	11	5.0	29	72	3.5
SPECIFIC COND UMHOS	280	282	130	210	134	70	538	304	102
STRONTIUM UG/L	75	70	29	31	31	16	350	< 9.0	46
SULFATE MG/L	61	60	16	18	30	20	37	20	18
TIN UG/L	< 4.0	< 4.0	< 4.0	< 5.0	< 2.0	< .80	< 7.0	< 5.0	< 3.0
TITANIUM UG/L	7.0	< 4.0	6.0	< 3.0	4.0	.50	12	< 5.0	< 1.0
VANADIUM UG/L	< 3.0	< 3.0	< 4.0	< 5.0	< 2.0	< .40	< 3.0	< 5.0	< 3.0
ZINC UG/L	< 230	< 240	< 160	< 240	< 64	41	50	< 280	< 110
ZIRCONIUM UG/L	ND	ND	< 7.0	< 11	< 3.0	< 2.0	< 10	< 9.0	< 5.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ORANGE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	412739074270000	MIDDLETOWN(C)-HIGHLAND LAKE
B	412739074270001	MIDDLETOWN(C)-HIGHLAND LAKE
C	412015074112000	MONROE(V)-MOMBASHA LAKE
D	413130074144501	MONTGOMERY(V)-WELL

SYSTEM(S) ON THIS PAGE..	A	A	A	B	B	B	B	C	D
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	TREATED	TREATED	TREATED	TREATED	DISTRBN	RAW
DATE.....	10/17/74	01/03/75	03/27/75	03/13/72	10/17/74	01/03/75	03/27/75	03/13/72	12/15/70
ALUMINUM UG/L	11	12	25	1000	36	36	57	43	12
ARSENIC UG/L	0	0	1	1	< 1	1	2	2	0
BARIUM UG/L	6.0	4.0	6.0	13	5.0	7.0	7.0	8.0	59
BERYLLIUM UG/L	< .08	< .30	< .10	< .70	< .10	< .30	< .10	< .50	< .60
BICARBONATE MG/L	20	20	18	32	29	24	30	6	142
BISMUTH UG/L	< .40	< 1.0	< .40	< 4.0	< .50	< 2.0	< .50	< 3.0	< 3.0
BORON UG/L	4.0	6.0	7.0	6.0	4.0	6.0	4.0	15	22
CADMIUM UG/L	1	0	1	0	0	0	0	0	--
CALCIUM MG/L	9.5	10	9.9	11	8.2	10	9.3	8.0	72
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	5.1	5.4	5.9	6.6	6.6	4.2	7.3	12	17
CHROMIUM UG/L	< 1	< 1	< 1	< 4	< 1	< 2	< 1	< 3	< 3
COBALT UG/L	< .40	< 1.0	< .40	< 4.0	< .50	< 2.0	< .50	< 3.0	< 4.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	33	13	17	59	12	6.0	6.0	540	4.0
CYANIDE MG/L	0	.01	0	0	0	.01	0	0	0
DISS SOLIDS SUM MG/L	46	46	43	77	60	61	67	49	262
FLUORIDE MG/L	.20	.10	.10	.30	.20	.20	.20	.50	.10
GALLIUM UG/L	< .20	< .40	< .20	< 2.0	< .20	< .40	< .20	< 1.0	ND
GERMANIUM UG/L	< .40	< 1.0	< .40	< 7.0	< .50	< 2.0	< .50	< 5.0	< 4.0
HARDNESS TOTAL MG/L	29	32	29	36	25	32	28	28	216
HARDNESS NONCARB MG/L	12	16	14	10	2	13	4	23	67
IRON UG/L	110	73	60	290	11	9.0	6.0	360	12
LEAD UG/L	6.0	2.0	1.0	5.0	2.0	< 2.0	< .50	2.0	< 3.0
LITHIUM UG/L	.40	.30	.50	< 10	.30	.30	.40	< 10	8.0
MAGNESIUM MG/L	1.2	1.8	1.1	2.1	1.2	1.8	1.2	1.9	8.8
MANGANESE UG/L	25	5.0	15	76	2.0	8.0	11	11	4.0
MBAS MG/L	.01	0	0	0	.01	0	0	.03	.09
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .20	< .40	< .20	< .70	< .20	< .40	< .20	< .50	1.0
NICKEL UG/L	< .40	< .50	.50	< 4.0	< .50	< .60	.60	< 3.0	< 3.0
NITRATE AS N MG/L	.02	.07	.05	.04	.02	.01	.02	.01	2.0
NITRITE AS N MG/L	0	0	.01	--	0	0	.01	--	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	.08
NITROGEN NH4+ORG-N MG/L	.15	.20	.24	.08	.05	.12	.12	.24	--
PH UNITS	7.0	6.4	6.7	7.3	7.1	7.1	7.8	6.7	7.6
PHENOLS UG/L	--	--	--	0	--	--	--	0	1.0
PHOSPHORUS AS P MG/L	.04	.02	.02	1.3	.33	.38	.18	.10	.03
POTASSIUM MG/L	.70	.50	.70	1.0	.70	.80	.70	.90	1.4
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	< .80
SELENIUM UG/L	0	0	0	5	3	0	1	5	0
SILICA MG/L	1.2	.60	1.5	2.7	1.2	.20	1.6	1.9	8.8
SILVER UG/L	< .40	< .10	< .04	< .30	< .05	< .20	< .05	< .20	< .30
SODIUM MG/L	3.2	3.5	3.2	10	9.5	10	11	6.3	7.7
SPECIFIC COND UMHOS	95	99	86	134	120	134	134	97	447
STRONTIUM UG/L	55	42	57	48	52	46	46	31	350
SULFATE MG/L	15	14	12	26	14	22	21	14	55
TIN UG/L	< .40	< 1.0	< .40	< 4.0	< .50	< 2.0	< .50	< 3.0	< 4.0
TITANIUM UG/L	.30	< .50	.50	2.0	< .30	< .80	< .50	1.0	< 3.0
VANADIUM UG/L	< .20	< .50	< .40	< 4.0	< .20	< .60	< .50	< 3.0	< 4.0
ZINC UG/L	30	0	10	< 160	10	0	20	110	< 250
ZIRCONIUM UG/L	< .60	< 2.0	< .40	< 7.0	< .70	< 2.0	< .50	< 5.0	ND

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ORANGE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	412324074084600	MOUNTAIN LODGE PARK-GROUND WATER
B	412904074034001	NEW WINDSOR WD-WELLS
C	412904074034000	NEW WINDSOR WD-WELLS
D	413321074035200	NEWBURGH(C)-WASHINGTON LAKE
E	413321074035201	NEWBURGH(C)-WASHINGTON LAKE

SYSTEM(S) ON THIS PAGE..	A	B	C	D	D	D	E	E	E
TYPE OF WATER SAMPLED...	DISTRBN	RAW	TREATED	RAW	RAW	RAW	TREATED	TREATED	TREATED
DATE.....	03/19/72	03/16/72	03/16/72	03/13/72	12/10/73	07/06/74	03/13/72	12/10/73	03/06/74
ALUMINUM UG/L	3.0	6.0	13	480	320	90	490	620	470
ARSENIC UG/L	0	0	1	5	1	1	0	< 1	1
BARIUM UG/L	13	23	< 16	25	20	14	< 26	8.0	9.0
BERYLLIUM UG/L	< 2.0	< 3.0	< 3.0	< 3.0	< 2.0	< 1.0	< 3.0	< 2.0	< 2.0
BICARBONATE MG/L	112	227	212	92	91	92	102	101	97
BISMUTH UG/L	< 7.0	< 7.0	< 7.0	< 11	< 5.0	< 4.0	< 12	< 5.0	< 4.0
BORON UG/L	8.0	90	100	26	20	25	20	20	24
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	34	72	23	40	31	32	48	41	40
CARBONATE MG/L	0	0	0	0	0	0	0	1	0
CHLORIDE MG/L	9.5	38	40	59	44	51	63	53	59
CHROMIUM UG/L	< 7	< 7	< 7	< 11	< 3	< 3	< 12	< 3	< 3
COBALT UG/L	< 7.0	< 7.0	< 7.0	< 11	< 5.0	< 5.0	< 12	< 5.0	< 5.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	25	< 1.0	1.0	4.0	7.0	4.0	2.0	2.0	< 2.0
CYANIDE MG/L	0	0	0	0	.02	0	0	.01	.01
DISS SOLIDS SUM MG/L	131	336	352	217	175	187	247	211	217
FLUORIDE MG/L	.10	.10	.20	.20	.20	.10	1.1	.80	1.0
GALLIUM UG/L	< 3.0	< 4.0	< 4.0	< 5.0	< 3.0	< 1.0	< 6.0	< 3.0	< 2.0
GERMANIUM UG/L	< 14	< 110	< 110	< 24	< 5.0	< 5.0	< 26	< 5.0	< 5.0
HARDNESS TOTAL MG/L	112	250	77	124	107	105	144	134	125
HARDNESS NONCARB MG/L	20	64	0	49	32	29	60	50	45
IRON UG/L	8.0	5.0	6.0	690	800	300	15	40	15
LEAD UG/L	< 7.0	< 7.0	< 7.0	< 11	< 5.0	< 4.0	< 12	< 5.0	< 4.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	0	0	< 10	0	0
MAGNESIUM MG/L	6.6	17	4.7	5.9	7.2	6.0	5.8	7.8	6.0
MANGANESE UG/L	< 3.0	6.0	3.0	1100	1600	750	31	100	21
MBAS MG/L	.02	.03	.03	.04	.02	.01	.04	.02	0
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	8.0	< 4.0	< 3.0	< 2.0	< 1.0	< 3.0	< 3.0	< 2.0
NICKEL UG/L	8.0	< 11	< 11	< 11	< 5.0	< 3.0	< 12	< 5.0	< 3.0
NITRATE AS N MG/L	2.2	1.8	1.7	.60	.21	.41	.40	.21	.42
NITRITE AS N MG/L	--	--	--	--	.02	.02	--	.01	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	0	.21	0	1.2	.90	.90	.38	.26	.25
PH UNITS	7.9	8.0	7.9	7.6	7.2	7.4	8.1	8.6	8.1
PHENOLS UG/L	2.0	0	0	1.0	--	--	0	--	--
PHOSPHORUS AS P MG/L	0	.02	0	.10	.13	.08	.03	.04	.02
POTASSIUM MG/L	.90	1.2	.78	2.2	2.3	2.0	2.2	2.2	2.0
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	2	2	4	9	1	1	1	1	1
SILICA MG/L	10	12	12	1.1	.20	.58	1.2	.30	.40
SILVER UG/L	< .60	< .80	< .80	< 2.0	< .50	< .50	< 2.0	< .50	< .50
SODIUM MG/L	4.9	20	105	33	25	26	34	27	28
SPECIFIC COND UMHOS	244	605	601	418	349	378	472	398	424
STRONTIUM UG/L	110	220	100	120	120	140	120	140	140
SULFATE MG/L	7.5	61	60	30	20	24	41	28	32
TIN UG/L	< 7.0	< 7.0	< 7.0	< 11	< 5.0	< 4.0	< 12	< 5.0	< 5.0
TITANIUM UG/L	< 3.0	< 7.0	< 7.0	11	7.0	2.0	< 6.0	< 4.0	< 3.0
VANADIUM UG/L	< 7.0	< 5.0	< 5.0	< 11	< 1.0	< 3.0	< 12	< 3.0	< 3.0
ZINC UG/L	400	< 500	< 500	< 580	70	50	< 550	20	120
ZIRCONIUM UG/L	< 14	--	ND	< 24	< 5.0	< 7.0	< 26	< 8.0	< 8.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ORANGE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	412952074021600	NEWBURGH CONSOLIDATED WD-CHADWICK LAKE
B	412952074021601	NEWBURGH CONSOLIDATED WD-CHADWICK LAKE
C	413130074125201	OMEGA CONCRETE PRODUCTS*MONTGOMERY-WELL
D	412823074322100	OTISVILLE(V)-BEAR SWAMP POND
E	412924074321200	OTISVILLE TRAINING SCHOOL-BEAR SWAMP POND

SYSTEM(S) ON THIS PAGE..	A	A	A	B	B	B	C	D	E
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	TREATED	TREATED	TREATED	RAW	DISTRBN	RAW
DATE.....	03/13/72	06/12/73	09/17/73	03/13/72	06/12/73	09/17/73	02/01/73	02/08/73	04/05/73
ALUMINUM UG/L	33	84	10	58	500	110	17	74	200
ARSENIC UG/L	11	0	1	0	0	0	0	0	0
BARIUM UG/L	15	11	7.0	12	6.0	6.0	< 10	6.0	21
BERYLLIUM UG/L	< 2.0	< .70	0	< 2.0	< .70	0	< 3.0	< .40	0
BICARBONATE MG/L	52	51	54	52	45	49	233	35	6
BISMUTH UG/L	< 6.0	< 2.0	< 2.0	< 6.0	< 2.0	< 3.0	< 9.0	< 2.0	0
BORON UG/L	10	4.0	12	8.0	4.0	9.0	46	6.0	8.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	22	19	18	22	19	18	24	4.0	2.8
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	21	12	13	23	16	17	73	4.6	.60
CHROMIUM UG/L	< 6	< 1	< 1	< 6	< 1	< 1	< 9	< 2	--
COBALT UG/L	< 6.0	< 1.0	< 2.0	< 6.0	< 1.0	< 2.0	< 9.0	< 2.0	1.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	650	1700	260	42	8.0	1.0	65	17	6.0
CYANIDE MG/L	0	0	0	0	.01	0	.01	.01	.04
DISS SOLIDS SUM MG/L	104	80	83	139	106	113	398	59	18
FLUORIDE MG/L	.10	.20	.20	.10	.30	.10	.10	.40	.40
GALLIUM UG/L	< 3.0	< 1.0	< 1.0	< 3.0	< 1.0	< 1.0	< 4.0	< .60	0
GERMANIUM UG/L	< 11	< 2.0	< 2.0	< 13	< 2.0	< 3.0	< 9.0	< 2.0	0
HARDNESS TOTAL MG/L	65	55	53	55	54	53	101	15	11
HARDNESS NONCARB MG/L	23	13	8	22	18	13	0	0	6
IRON UG/L	390	1400	210	8.0	83	7.0	17	680	> 1200
LEAD UG/L	< 6.0	4.0	< 2.0	< 6.0	< 1.0	< 2.0	< 9.0	3.0	6.0
LITHIUM UG/L	< 10	0	0	< 10	0	0	20	< 10	0
MAGNESIUM MG/L	2.5	1.8	1.9	2.4	1.7	2.0	10	1.1	1.0
MANGANESE UG/L	510	570	440	250	200	140	48	11	420
MBAS MG/L	.02	.04	.02	.01	.04	.02	.03	.02	.05
MERCURY UG/L	< .50	--	.60	.70	< .50	< .50	< .50	.70	.60
MOLYBDENUM UG/L	< 2.0	1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 4.0	< .60	0
NICKEL UG/L	< 6.0	1.0	< 2.0	< 6.0	< 1.0	< 2.0	< 9.0	< 2.0	2.0
NITRATE AS N MG/L	.18	.06	.05	.20	.00	.02	.06	.04	.16
NITRITE AS N MG/L	--	.00	.01	--	.00	.01	--	--	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.46	.53	.48	1.4	.11	.17	.10	.12	.28
PH UNITS	7.4	7.5	7.0	7.6	7.7	7.4	7.9	7.5	6.0
PHENOLS UG/L	1.0	--	--	0	--	--	--	--	--
PHOSPHORUS AS P MG/L	.07	.04	.02	.03	.01	.01	0	1.4	.02
POTASSIUM MG/L	.90	.40	.20	.90	.40	.20	.70	.50	.40
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	9	1	1	7	2	1	0	1	1
SILICA MG/L	6.3	.80	6.5	5.8	.80	6.4	15	1.2	1.0
SILVER UG/L	< .50	< .50	0	< .50	< .50	0	< .90	< .20	0
SODIUM MG/L	11	7.7	8.3	22	17	18	120	16	1.4
SPECIFIC COND UMHOS	195	145	148	246	184	144	667	99	31
STRONTIUM UG/L	74	71	70	79	65	70	61	17	14
SULFATE MG/L	14	13	8.2	37	24	27	41	12	7.0
TIN UG/L	< 6.0	< 2.0	< 2.0	< 6.0	< 2.0	< 2.0	< 9.0	< 2.0	0
TITANIUM UG/L	< 3.0	< 2.0	< 2.0	< 3.0	< 2.0	< 2.0	< 9.0	< 2.0	0
VANADIUM UG/L	< 6.0	.90	< 1.0	< 6.0	< 1.0	< 1.0	--	< 2.0	1.0
ZINC UG/L	< 240	0	40	< 240	0	10	40	< 83	0
ZIRCONIUM UG/L	< 11	< 5.0	< 3.0	< 13	< 4.0	< 4.0	< 18	< 3.0	< 1.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ORANGE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	412913074315101	OTISVILLE TRAINING SCHOOL-BEAR SWAMP POND
B	413633074180500	PINE BUSH WD-WELLS
C	412159074410200	PORT JERVIS(C)-RESERVOIR
D	412446074040601	STAR INDUSTRIES-CORNWALL-TWO WELLS
E	411308074133200	STERLING FOREST-STERLING LAKE
F	412214074155500	SURREY MEADOWS-WELL
G	411128074123800	TUXEDO PARK(V)-TUXEDO LAKE
H	411128074123801	TUXEDO PARK(V)-TUXEDO LAKE
I	411607074334400	UNIONVILLE(V)-WELL

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	TREATED	DISTRBN	DISTRBN	RAW	DISTRBN	DISTRBN	RAW	TREATED	DISTRBN
DATE.....	09/05/73	09/06/73	03/13/72	02/01/73	02/07/73	02/04/75	09/06/73	09/06/73	04/05/73
ALUMINUM UG/L	400	10	91	12	43	10	22	100	5.0
ARSENIC UG/L	0	0	2	0	0	1	0	0	0
BARIUM UG/L	35	51	9.0	11	12	71	8.0	240	6.0
BERYLLIUM UG/L	0	< 2.0	< .50	< 2.0	< .40	< .50	0	< 2.0	0
BICARBONATE MG/L	6	233	13	130	34	252	20	27	60
BISMUTH UG/L	0	< 7.0	< 3.0	< 4.0	< 2.0	< 2.0	< 1.0	< 5.0	< 3.0
BORON UG/L	8.0	7.0	8.0	13	5.0	39	10	8.0	14
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	3.9	60	11	52	9.0	71	8.2	11	25
CARBONATE MG/L	0	0	0	0	0	0	0	1	0
CHLORIDE MG/L	5.2	10	2.7	12	3.9	7.7	2.6	6.5	11
CHROMIUM UG/L	0	3	< 3	< 4	< 2	< 2	0	2	1
COBALT UG/L	0	< 7.0	< 3.0	< 4.0	< 2.0	< 1.0	< 1.0	< 5.0	< 3.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	250	10	56	140	4.0	93	10	40	270
CYANIDE MG/L	0	.01	0	.01	0	0	.01	0	.01
DISS SOLIDS SUM MG/L	30	298	47	173	62	302	34	53	118
FLUORIDE MG/L	.40	.40	.10	.10	.10	.20	.50	.30	.20
GALLIUM UG/L	0	< 3.0	< 1.0	< 2.0	< .60	< .50	0	< 2.0	< 2.0
GERMANIUM UG/L	0	< 7.0	< 5.0	< 4.0	< 2.0	< 2.0	< 1.0	< 5.0	< 3.0
HARDNESS TOTAL MG/L	14	253	33	150	28	234	28	42	74
HARDNESS NONCARB MG/L	13	62	12	44	0	32	12	16	26
IRON UG/L	570	380	100	30	100	25	230	600	150
LEAD UG/L	3.0	< 7.0	3.0	24	< 2.0	< 2.0	< 1.0	9.0	7.0
LITHIUM UG/L	0	10	< 10	< 10	< 10	5.0	0	0	10
MAGNESIUM MG/L	1.1	13	1.3	5.0	1.4	15	1.7	3.5	3.5
MANGANESE UG/L	350	220	39	< 2.0	18	450	85	21	14
MBAS MG/L	.07	0	.02	.05	.02	0	.01	.03	.01
MERCURY UG/L	7.5	< .50	< .50	< .50	< .50	< .50	< .50	13	5.0
MOLYBDENUM UG/L	0	< 3.0	< .50	< 2.0	< .60	2.0	0	< 2.0	< 2.0
NICKEL UG/L	4.0	< 7.0	2.0	< 4.0	1.0	< 2.0	< 1.0	< 5.0	3.0
NITRATE AS N MG/L	.03	0	.01	2.3	.06	.03	.11	.07	1.8
NITRITE AS N MG/L	.01	0	--	--	--	0	0	.00	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.12	.01	.14	.11	.09	0	.21	.10	.05
PH UNITS	4.8	7.7	9.4	7.5	7.4	7.4	6.8	6.5	6.9
PHENOLS UG/L	--	--	2.0	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.05	.00	0	.01	.02	.07	.01	.02	.00
POTASSIUM MG/L	.60	1.0	.30	.49	.50	.70	.60	.60	1.4
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	5	2	0	1	0	0	0
SILICA MG/L	1.1	11	5.6	8.1	2.5	13	.90	1.0	11
SILVER UG/L	0	< 1.0	< .20	< .40	< .20	< .20	0	0	0
SODIUM MG/L	3.0	6.4	1.5	5.4	12	20	2.7	3.0	10
SPECIFIC COND UMHOS	63	490	83	314	121	510	76	101	206
STRONTIUM UG/L	16	130	17	130	35	350	28	5000	120
SULFATE MG/L	14	62	12	23	14	50	12	13	29
TIN UG/L	0	< 7.0	< 3.0	< 4.0	< 2.0	< 2.0	< 1.0	< 5.0	< 3.0
TITANIUM UG/L	6.0	< 5.0	2.0	< 4.0	< 2.0	< 2.0	0	< 3.0	< 2.0
VANADIUM UG/L	.60	< 3.0	< 3.0	< 4.0	< 2.0	< 2.0	< .50	< 2.0	< 2.0
ZINC UG/L	60	0	< 47	120	< 81	10	0	310	40
ZIRCONIUM UG/L	< 1.0	< 10	< 5.0	< 4.0	< 3.0	< 4.0	< 2.0	< 7.0	< 4.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ORANGE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	413347074111400	WALDEN(V)-WELLS
B	412843074212600	WALLKILL WD #1-WELLS
C	411526074213600	WARWICK(V)-MISTUCK BROOK
D	412538074100600	WASHINGTONVILLE(V)-WELL
E	411233074184700	WESTSIDE-GREENWOODLAKE WD-GREENWOOD LAKE
F	411237074173700	WICKHAM VILLAGE INC-WELL
G	412058074073200	WOODBURY WD #1-WELLS

SYSTEM(S) ON THIS PAGE..	A	B	B	C	D	E	F	G
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN
DATE.....	03/13/72	03/13/72	03/15/72	03/16/72	04/05/73	02/08/73	02/04/75	09/06/73
ALUMINUM UG/L	6.0	13	7.0	110	12	390	5.0	10
ARSENIC UG/L	0	--	0	1	0	0	0	0
BARIUM UG/L	< 22	< 25	130	8.0	16	9.0	12	12
BERYLLIUM UG/L	< 3.0	< 3.0	< 2.0	< .00	< 3.0	< .00	< .30	< 2.0
BICARBONATE MG/L	166	--	225	48	222	40	97	193
BISMUTH UG/L	< 10	< 12	< 6.0	< 2.0	< 6.0	< 3.0	< 1.0	< 7.0
BORON UG/L	15	20	130	7.0	31	14	31	14
CADMIUM UG/L	0	--	0	0	0	0	0	0
CALCIUM MG/L	61	--	41	16	75	14	39	68
CARBONATE MG/L	0	--	0	0	0	0	0	0
CHLORIDE MG/L	15	--	17	3.7	40	38	16	39
CHROMIUM UG/L	< 10	< 12	< 6	< 2	< 4	< 3	< 1	< 3
COBALT UG/L	< 10	< 12	< 6.0	< 2.0	< 6.0	< 3.0	< .60	< 7.0
COLIFORM CUL/100 ML	--	--	--	--	--	--	--	--
COPPER UG/L	60	570	100	120	40	60	54	110
CYANIDE MG/L	0	--	0	0	0	0	0	.02
DISS SOLIDS SUM MG/L	224	0	283	90	350	104	166	276
FLUORIDE MG/L	.10	--	.40	.10	.20	.10	.30	.40
GALLIUM UG/L	< 3.0	< 6.0	< 3.0	< .00	< 6.0	< 2.0	< .30	< 3.0
GERMANIUM UG/L	< 22	< 25	< 95	< 30	< 6.0	< 3.0	< 2.0	< 7.0
HARDNESS TOTAL MG/L	180	--	141	63	214	50	128	215
HARDNESS NONCARB MG/L	50	--	0	24	36	24	49	57
IRON UG/L	73	21	10	150	150	6.0	3.0	< 7.0
LEAD UG/L	< 10	< 12	< 6.0	3.0	< 6.0	4.0	< 1.0	< 7.0
LITHIUM UG/L	10	< 10	110	< 10	10	< 10	1.0	10
MAGNESIUM MG/L	8.3	--	9.3	5.0	7.5	5.2	7.5	11
MANGANESE UG/L	5.0	19	60	15	< 5.0	190	4.0	< 5.0
MBAS MG/L	.01	--	.01	.01	.01	.03	.19	0
MERCURY UG/L	< .50	--	< .50	< .50	< .50	< .50	< .50	34
MOLYBDENUM UG/L	< 3.0	< 3.0	< 3.0	< .90	< 4.0	< 2.0	.60	< 3.0
NICKEL UG/L	< 10	< 12	< 10	4.0	< 6.0	< 3.0	< 1.0	< 7.0
NITRATE AS N MG/L	1.0	--	.06	.30	2.1	1.1	2.3	1.3
NITRITE AS N MG/L	--	--	--	--	.00	--	0	.00
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--
NITROGEN NH4+ORGN MG/L	.02	--	0	.01	.02	.04	.06	.01
PH UNITS	7.9	--	6.5	7.0	7.6	7.0	6.6	7.7
PHENOLS UG/L	2.0	--	5.0	0	--	--	--	--
PHOSPHORUS AS P MG/L	0	--	.01	.01	0	.27	.01	.00
POTASSIUM MG/L	1.0	--	1.7	.90	2.4	.90	.80	1.1
RUBIDIUM UG/L	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	--	0	2	0	0	2	0
SILICA MG/L	9.6	--	13	9.6	9.1	4.1	8.5	9.7
SILVER UG/L	< 1.0	< 2.0	< .70	< .20	< 1.0	< .30	< .20	< 1.0
SODIUM MG/L	8.1	--	52	2.4	48	18	11	19
SPECIFIC COND UMHOS	394	--	466	134	483	214	380	492
STRONTIUM UG/L	140	250	1000	14	160	54	180	150
SULFATE MG/L	38	--	38	18	37	16	33	32
TIN UG/L	< 10	< 12	< 6.0	< 2.0	< 6.0	< 3.0	< 2.0	< 7.0
TITANIUM UG/L	< 5.0	< 6.0	< 6.0	3.0	< 6.0	< 3.0	< 1.0	< 5.0
VANADIUM UG/L	< 10	< 12	< 5.0	< 2.0	< 4.0	< 2.0	< 1.0	< 3.0
ZINC UG/L	< 470	< 530	< 430	< 120	40	< 160	10	0
ZIRCONIUM UG/L	< 22	< 25	ND	ND	< 12	< 5.0	< 2.0	< 10

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ORLEANS COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	432205078125500	ALBION(V)-LAKE ONTARIO
B	432205078125501	ALBION(V)-LAKE ONTARIO
C	431325078013300	HOLLEY(V)-WELLS
D	432229078232000	LYNDONVILLE(V)-LAKE ONTARIO
E	432229078232001	LYNDONVILLE(V)-LAKE ONTARIO

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E
TYPE OF WATER SAMPLED...	RAW	TREATED	DISTRBY	RAW	TREATED
DATE.....	02/07/72	02/07/72	11/15/73	02/07/72	02/07/72
ALUMINUM UG/L	2100	19	65	910	19
ARSENIC UG/L	10	1	1	1	0
BARIUM UG/L	44	27	140	43	29
BERYLLIUM UG/L	< 2.0	< .98	< 2.0	< 2.0	< 1.0
BICARBONATE MG/L	117	106	255	129	124
BISMUTH UG/L	< 6.0	< 5.0	< 9.0	< 5.0	< 5.0
BORON UG/L	29	16	16	31	22
CADMIUM UG/L	0	0	0	0	0
CALCIUM MG/L	41	43	70	44	44
CARBONATE MG/L	0	0	0	0	0
CHLORIDE MG/L	31	31	16	31	33
CHROMIUM UG/L	11	< 5	< 4	< 5	< 5
COBALT UG/L	< 6.0	< 5.0	< 4.0	< 5.0	< 5.0
COLIFORM COL/100 ML	--	--	--	--	--
COPPER UG/L	5.0	3.0	20	34	7.0
CYANIDE MG/L	0	0	0	0	0
DISS SOLIDS SUM MG/L	187	194	334	197	198
FLUORIDE MG/L	.20	1.0	.20	.20	.20
GALLIUM UG/L	< 2.0	< .90	< 4.0	< 2.0	< 1.0
GERMANIUM UG/L	< 6.0	< 5.0	< 8.0	< 5.0	< 5.0
HARDNESS TOTAL MG/L	137	142	274	147	146
HARDNESS NONCARB MG/L	41	55	84	41	44
IRON UG/L	2400	8.0	500	950	20
LEAD UG/L	5.0	< 5.0	15	< 5.0	< 5.0
LITHIUM UG/L	< 10	< 10	10	< 10	< 10
MAGNESIUM MG/L	8.3	8.3	24	8.9	8.8
MANGANESE UG/L	180	< 5.0	20	33	< 5.0
MBAS MG/L	.03	.03	0	.03	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	1.0	1.0	< 2.0	1.0	1.0
NICKEL UG/L	16	< 5.0	< 4.0	29	< 5.0
NITRATE AS N MG/L	.20	.30	1.5	.40	.40
NITRITE AS N MG/L	--	--	.01	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.52	.36	.13	.49	.20
PH UNITS	7.5	7.3	7.5	7.8	7.7
PHENOLS UG/L	0	--	--	1.0	--
PHOSPHORUS AS P MG/L	.09	0	.00	.03	.01
POTASSIUM MG/L	1.7	1.6	1.8	1.8	1.8
RUBIDIUM UG/L	--	--	--	--	--
SELENIUM UG/L	0	7	0	2	2
SILICA MG/L	.60	.90	9.4	.50	.70
SILVER UG/L	< 2.0	< .90	< .80	< 2.0	< 1.0
SODIUM MG/L	12	14	9.5	14	15
SPECIFIC COND UMHOS	348	354	624	363	367
STRONTIUM UG/L	220	230	180	240	220
SULFATE MG/L	33	42	76	33	33
TIN UG/L	< 12	< 10	< 8.0	< 11	< 10
TITANIUM UG/L	180	< 2.0	< 4.0	41	< 3.0
VANADIUM UG/L	4.0	< 2.0	< 4.0	< 3.0	< 3.0
ZINC UG/L	< 540	< 440	190	< 510	< 440
ZIRCONIUM UG/L	< 12	< 10	< 9.0	< 11	< 10

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

OSWEGO COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	431712076084100	CENTRAL SQUARE(V)-WELLS
B	431358075530900	CLEVELAND(V)-SPRINGFED RESERVOIR
C	431816076234000	FULTON(C)-WELLS&SPRINGS
D	433837076040600	LACONA JOINT WATERWORKS-RESERVOIR AND WELLS
E	432733076134200	MEXICO(V)-WELLS
F	433429075594900	ORWELL-SPRINGS
G	432730076320000	OSWEGO(C)-LAKE ONTARIO

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	G	G
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	DIST-RBN	DISTRBN	DISTRBN	RAW	RAW	RAW
DATE.....	08/12/71	01/24/73	08/11/71	08/11/71	08/11/71	07/05/73	12/09/70	07/15/71	10/11/71
ALUMINUM UG/L	4.0	73	23	18	6.0	4.0	8.0	52	40
ARSENIC UG/L	<	10	0	8	0	10	0	0	0
BARIUM UG/L	890	9.0	480	12	8.0	4.0	28	30	37
BERYLLIUM UG/L	< 3.0	< .40	< 2.0	< .00	< .60	< .00	< .50	< 1.0	< 2.0
BICARBONATE MG/L	202	38	200	128	110	68	118	110	114
BISMUTH UG/L	< 7.0	< 2.0	< 5.0	< 2.0	< 2.0	< 2.0	< 2.0	< 6.0	< 4.0
BORON UG/L	30	7.0	20	11	6.0	6.0	17	15	29
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	70	12	70	37	26	16	38	37	50
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	150	3.6	74	3.1	2.4	2.9	27	28	56
CHROMIUM UG/L	< 5	< 2	< 4	< 2	< 1	< 1	< 2	< 4	< 6
COBALT UG/L	< 5.0	< 2.0	< 4.0	< 2.0	< 1.0	< 1.0	< 3.0	< 2.0	< 4.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	< 3.0	10	2.0	80	1.0	10	5.0	40	22
CYANIDE MG/L	0	0	0	0	.20	.02	0	0	0
DISS SOLIDS SUM MG/L	452	56	338	128	111	66	169	170	233
FLUORIDE MG/L	.10	.10	.10	.10	.10	.30	.20	.20	.20
GALLIUM UG/L	< 3.0	< .60	< 2.0	< .00	< .50	< .80	ND	< 2.0	< 2.0
GERMANIUM UG/L	< 10	< 2.0	< 8.0	< 3.0	< 3.0	< 2.0	< 3.0	< 8.0	< 6.0
HARDNESS TOTAL MG/L	261	43	249	115	101	60	124	121	160
HARDNESS NONCARB MG/L	96	12	85	10	11	20	27	31	47
IRON UG/L	12	94	120	26	10	80	6.0	40	42
LEAD UG/L	< 5.0	4.0	< 4.0	< 3.0	< 2.0	< 2.0	4.0	7.0	4.0
LITHIUM UG/L	50	< 10	10	< 10	< 10	0	2.0	2.0	< 10
MAGNESIUM MG/L	21	3.1	18	5.0	4.8	4.8	7.1	7.0	8.6
MANGANESE UG/L	< 5.0	7.0	310	11	2.0	6.0	< 7.0	4.0	13
MBAS MG/L	.07	.02	.04	.03	.02	0	.02	.04	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	1.0	< .50	< .50	< .50
MOLYBDENUM UG/L	< 3.0	< .60	< 2.0	< .00	< .50	< 1.0	1.0	2.0	2.0
NICKEL UG/L	< 7.0	< 2.0	< 5.0	3.0	2.0	< 1.0	< 2.0	3.0	4.0
NITRATE AS N MG/L	3.7	.20	1.2	.30	.20	3.0	.20	.10	.10
NITRITE AS N MG/L	0	--	.15	.01	0	.00	0	.04	--
NITROGEN NH4 AS N MG/L	.12	--	.14	.08	.05	--	.03	.06	--
NITROGEN NH4+ORG-N MG/L	.01	.14	.24	.12	.03	.02	--	.40	.54
PH UNITS	7.4	7.4	8.1	8.0	8.1	7.0	8.1	8.5	7.7
PHENOLS UG/L	0	--	0	1.0	0	--	0	0	3.0
PHOSPHORUS AS P MG/L	.01	.01	.11	.01	0	.00	.04	.04	.05
POTASSIUM MG/L	4.7	.40	2.0	.90	.80	.30	1.2	1.3	1.9
RUBIDIUM UG/L	--	--	--	--	--	--	.90	< 2.0	--
SELENIUM UG/L	<	2	0	2	0	1	6	3	0
SILICA MG/L	8.8	5.0	10	3.9	6.8	5.6	.25	.10	.20
SILVER UG/L	< .60	< .20	< .50	2.0	< .20	< .20	< .20	< .40	< .40
SODIUM MG/L	75	3.1	32	3.1	2.9	1.3	12	14	26
SPECIFIC COND UMHOS	884	93	606	237	200	129	329	320	447
STRONTIUM UG/L	890	17	580	50	50	19	180	180	300
SULFATE MG/L	19	8.2	32	11	8.8	8.2	25	28	34
TIN UG/L	< 10	< 2.0	< 8.0	< 3.0	< 3.0	< 2.0	< 3.0	< 4.0	< 6.0
TITANIUM UG/L	< 7.0	< 2.0	< 5.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0
VANADIUM UG/L	< 5.0	< 2.0	< 4.0	< 2.0	< 2.0	< 1.0	< 3.0	< 4.0	< 6.0
ZINC UG/L	< 460	< 70	< 340	< 130	< 120	20	< 180	< 240	< 270
ZIRCONIUM UG/L	< 20	< 3.0	< 15	< 6.0	< 5.0	< 3.0	ND	< 8.0	< 15

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

OSWEGO COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	432730076320000	OSWEGO(C)-LAKE ONTARIO
B	432730076320001	OSWEGO(C)-LAKE ONTARIO

SYSTEM(S) ON THIS PAGE	A	A	A	A	A	A	B	B	B
TYPE OF WATER SAMPLED	RAW	RAW	RAW	RAW	RAW	RAW	TREATED	TREATED	TREATED
DATE	01/20/72	04/10/72	07/12/72	10/19/72	01/09/73	04/18/73	12/09/70	07/15/71	10/21/71
ALUMINUM UG/L	430	150	80	130	630	320	10	50	45
ARSENIC UG/L	1	4	3	0	0	0	0	10	0
BARIUM UG/L	31	28	29	28	30	25	27	30	27
BERYLLIUM UG/L	< .80	< 2.0	< .90	< .90	< 2.0	< 1.0	< .50	< 2.0	< 2.0
BICARBONATE MG/L	116	116	99	106	102	114	114	104	110
BISMUTH UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0	< 4.0	< 2.0	< 8.0	< 4.0
BORON UG/L	22	16	7.0	10	14	14	16	11	25
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	42	41	40	42	43	47	40	39	52
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	29	29	34	35	36	31	29	38	64
CHROMIUM UG/L	3	< 4	< 4	< 4	< 5	< 3	< 2	< 5	< 6
COBALT UG/L	< 4.0	< 4.0	< 4.0	< 4.0	< 5.0	< 4.0	< 3.0	< 2.0	< 4.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	22	6.0	39	36	41	15	3.0	5.0	4.0
CYANIDE MG/L	0	0	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	183	180	174	161	185	188	171	174	248
FLUORIDE MG/L	.20	.20	.20	1.0	.50	.30	.50	1.2	1.4
GALLIUM UG/L	< .80	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	ND	< 2.0	< 2.0
GERMANIUM UG/L	< 4.0	< 6.0	< 9.0	< 6.0	< 5.0	< 4.0	< 3.0	< 9.0	< 6.0
HARDNESS TOTAL MG/L	138	134	134	138	142	150	129	125	166
HARDNESS NONCARB MG/L	41	39	53	51	56	57	36	39	75
IRON UG/L	300	170	85	110	470	300	10	110	90
LEAD UG/L	5.0	< 6.0	< 4.0	7.0	6.0	< 6.0	< 2.0	< 3.0	< 4.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	--	2.0	2.0	< 10
MAGNESIUM MG/L	8.0	7.6	8.3	8.0	8.4	8.0	7.1	6.6	8.7
MANGANESE UG/L	14	8.0	7.8	7.0	13	10	< 2.0	5.0	15
MBAS MG/L	.02	.02	.04	.05	.03	.02	.02	.03	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 2.0	1.0	< 2.0	< 2.0	2.0	1.0	1.0	< 2.0
NICKEL UG/L	5.0	4.0	< 4.0	4.0	6.0	4.0	< 2.0	5.0	4.0
NITRATE AS N MG/L	.30	.20	.20	.20	.30	.30	.20	.10	.10
NITRITE AS N MG/L	--	--	--	--	--	--	0	.01	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	.03	1.0	--
NITROGEN NH4+ORG-N MG/L	.23	.29	.13	.23	.09	.35	--	.27	.38
PH UNITS	7.9	7.7	7.4	7.5	7.5	8.3	8.0	7.8	7.7
PHENOLS UG/L	4.0	0	--	--	--	--	0	0	2.0
PHOSPHORUS AS P MG/L	.05	.03	.03	.02	.04	.03	.06	.03	.04
POTASSIUM MG/L	1.6	1.5	1.4	1.5	1.4	1.4	1.2	1.9	1.9
RUBIDIUM UG/L	--	--	--	--	--	--	.70	< 2.0	--
SELENIUM UG/L	2	3	0	1	3	--	4	3	0
SILICA MG/L	.50	.20	.30	.20	.70	.60	.40	.60	.70
SILVER UG/L	< .40	< .40	< .90	< .40	< .50	< .40	< .20	< .50	< .40
SODIUM MG/L	14	13	12	13	13	14	12	14	24
SPECIFIC CND UMHOS	333	338	335	329	345	333	328	323	475
STRONTIUM UG/L	190	200	170	180	150	220	180	180	290
SULFATE MG/L	29	30	29	28	32	29	24	28	34
TIN UG/L	< 4.0	< 4.0	< 9.0	< 4.0	< 5.0	< 4.0	< 3.0	< 5.0	< 6.0
TITANIUM UG/L	29	7.0	< 4.0	6.0	21	10	< 2.0	< 2.0	< 4.0
VANADIUM UG/L	< 2.0	< 3.0	< 2.0	< 2.0	5.0	< 3.0	< 3.0	< 5.0	< 6.0
ZINC UG/L	< 230	< 200	< 410	< 270	40	40	< 180	< 260	< 270
ZIRCONIUM UG/L	< 9.0	< 20	< 9.0	< 6.0	< 9.0	< 7.0	ND	< 9.0	< 15

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

OSWEGO COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	432730076320001	OSWEGO(C)-LAKE ONTARIO
B	431354076171600	PHOENIX(V)-ALINE WELL #2
C	433404076060H00	PULASKI(V)-SPRINGS

SYSTEM(S) ON THIS PAGE...	A	A	A	A	A	A	B	C
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	DISTRBN	DISTRBN
DATE.....	01/20/72	04/10/72	07/12/72	10/19/72	01/04/73	04/18/73	08/11/71	08/11/71
ALUMINUM UG/L	360	380	38	100	520	240	12	8.0
ARSENIC UG/L	1	3	1	0	0	0	0	0
BARIUM UG/L	31	30	28	29	30	28	360	6.0
BERYLLIUM UG/L	< 1.0	< 2.0	< .80	< .40	< 2.0	< 1.0	< 1.0	< .60
BICARBONATE MG/L	114	111	110	111	113	116	192	107
BISMUTH UG/L	< 5.0	< 4.0	< 4.0	< 4.0	< 5.0	< 4.0	< 3.0	< 2.0
BORON UG/L	20	18	13	11	13	12	10	8.0
CADMIUM UG/L	0	0	0	0	0	0	0	0
CALCIUM MG/L	42	41	40	41	43	43	48	30
CARBONATE MG/L	0	0	0	0	0	0	0	0
CHLORIDE MG/L	30	30	27	30	29	28	5.9	3.5
CHROMIUM UG/L	3	< 4	< 4	< 4	< 5	< 5	< 2	< 1
COBALT UG/L	< 5.0	< 4.0	< 4.0	< 4.0	< 5.0	< 5.0	< 2.0	< 1.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--
COPPER UG/L	4.0	3.0	3.0	7.0	3.0	4.0	2.0	4.0
CYANIDE MG/L	0	0	0	0	.01	.01	0	0
DISS SOLIDS SUM MG/L	183	182	171	178	183	184	192	113
FLUORIDE MG/L	1.1	.80	.10	1.1	.20	.10	.10	.10
GALLIUM UG/L	< 1.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< .90	< .50
GERMANIUM UG/L	< 5.0	< 6.0	< 9.0	< 4.0	< 5.0	< 5.0	< 5.0	< 3.0
HARDNESS TOTAL MG/L	138	135	134	135	142	140	182	99
HARDNESS NONCARB MG/L	44	44	44	44	44	44	24	11
IRON UG/L	280	460	84	84	450	240	270	82
LEAD UG/L	2.0	< 6.0	< 4.0	< 4.0	< 5.0	< 5.0	2.0	6.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	--	< 10	< 10
MAGNESIUM MG/L	8.0	8.0	8.3	8.3	9.3	8.0	15	5.9
MANGANESE UG/L	4.0	20	5.0	6.0	14	7.0	180	1.0
MBAS MG/L	.02	.03	.01	.02	.01	.02	.02	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	1.3	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 2.0	1.0	< 2.0	< 2.0	1.0	< .90	< .50
NICKEL UG/L	5.0	5.0	< 4.0	4.0	< 5.0	< 5.0	< 3.0	< 2.0
NITRATE AS N MG/L	.20	.30	.03	.10	.30	.30	0	.90
NITRITE AS N MG/L	--	--	--	--	--	--	0	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	.06	.11
NITROGEN NH4+ORG-N MG/L	.25	.22	.30	.29	.32	.27	.06	.11
PH UNITS	7.7	7.0	8.2	7.7	7.6	8.3	7.9	8.0
PHENOLS UG/L	0	--	--	--	--	--	0	0
PHOSPHORUS AS P MG/L	.05	.04	.02	.02	.04	.03	0	.01
POTASSIUM MG/L	1.6	1.6	1.4	1.4	1.4	1.5	1.7	.80
RUBIDIUM UG/L	--	--	--	--	--	--	--	--
SELENIUM UG/L	5	2	1	0	5	1	4	4
SILICA MG/L	1.0	.70	.30	.60	.60	.60	7.1	5.1
SILVER UG/L	< .50	< .40	< .80	< .40	< .50	< .50	< .30	< .20
SODIUM MG/L	14	14	12	13	13	14	4.0	2.8
SPECIFIC COND UMHOS	335	341	326	324	366	338	338	206
STRONTIUM UG/L	210	210	160	180	170	180	100	44
SULFATE MG/L	27	31	28	28	32	30	16	11
TIN UG/L	< 5.0	< 4.0	< 9.0	< 4.0	< 5.0	< 5.0	< 5.0	< 3.0
TITANIUM UG/L	22	21	< 4.0	4.0	10	9.0	< 3.0	< 2.0
VANADIUM UG/L	< 2.0	< 3.0	< 2.0	< 2.0	< 5.0	< 5.0	< 3.0	< 2.0
ZINC UG/L	< 250	< 200	< 400	< 270	< 290	--	< 210	320
ZIRCONIUM UG/L	< 10	< 20	< 9.0	< 6.0	< 9.0	< 7.0	< 10	< 5.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

OTSEGO COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	424758074451600	CHERRY VALLEY-WELL
B	424203074554100	COOPERSTOWN(V)-OTSEGO LAKE
C	423723074402300	EAST WORCESTER-RESERVOIR
D	422818075192800	GILBERTSVILLE(V)-DUNDERBERG CREEK
E	423936075030200	HARTWICK WD-WELL
F	423527074564800	MILFORD(V)-GOEY'S POND
G	423250075144100	MORRIS(V)-WELL
H	422751075031900	ONEONTA(C)-ONEONTA CREEK
I	422751075031901	ONEONTA(C)-ONEONTA CREEK

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	RAW	TREATED
DATE.....	02/27/73	02/28/72	02/27/73	01/29/73	02/27/73	02/27/73	03/13/74	02/28/72	02/28/72
ALUMINUM UG/L	50	11	39	32	22	24	10	49	22
ARSENIC UG/L	0	1	0	0	0	0	< 1	0	0
BARIUM UG/L	180	29	5.0	11	7.0	2.0	3.0	7.0	7.0
BERYLLIUM UG/L	< 3.0	< .70	< .30	< .30	< .60	< .20	< .40	< .20	< .20
BICARBONATE MG/L	320	129	21	39	57	12	21	14	22
BISMUTH UG/L	< 8.0	< 4.0	< .90	< 2.0	< 2.0	< .00	< 2.0	< .70	< 1.0
BORON UG/L	20	7.0	5.0	5.0	30	8.0	12	5.0	4.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	110	45	8.0	15	19	4.9	10	6.5	7.5
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	18	5.0	2.0	2.6	5.9	2.5	9.2	2.4	3.1
CHROMIUM UG/L	< 8	< 4	< 1	< 2	< 2	< 1	< 1	< 1	< 1
COBALT UG/L	< 8.0	< 4.0	1.0	< .90	< 2.0	< .60	< 2.0	< .70	< 1.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	19	21	190	18	2.0	17	180	30	3.0
CYANIDE MG/L	.01	0	.01	0	.01	.02	.01	0	0
DISS SOLIDS SUM MG/L	344	142	37	60	88	26	54	37	50
FLUORIDE MG/L	0	.00	0	.10	.10	0	.20	0	.10
GALLIUM UG/L	< 4.0	< .70	< .40	< .00	< .90	< .30	< .70	< .20	< .20
GERMANIUM UG/L	< 8.0	< 4.0	< .90	< 2.0	< 2.0	< .00	< 2.0	< .70	< 1.0
HARDNESS TOTAL MG/L	301	126	26	45	60	16	36	22	24
HARDNESS NONCARB MG/L	39	21	9	13	13	7	19	11	6
IRON UG/L	18	280	530	250	110	67	13	190	9.0
LEAD UG/L	< 8.0	< 4.0	4.0	2.0	1.0	2.0	< 2.0	< .70	< 1.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	0	< 10	< 10
MAGNESIUM MG/L	6.4	3.4	1.4	1.9	3.0	1.0	2.0	1.4	1.4
MANGANESE UG/L	< 6.0	7.0	69	16	8.0	4.0	2.0	35	3.0
MBAS MG/L	.01	.01	.01	.01	.01	.02	.02	.01	.01
MERCURY UG/L	< .50	< .50	< .50	2.3	1.0	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 4.0	< .50	< .40	< .30	< .90	< .30	< .40	< .10	< .10
NICKEL UG/L	< 8.0	< 4.0	2.0	< 2.0	< 2.0	2.0	< 1.0	< .70	< 1.0
NITRATE AS N MG/L	1.9	.40	.30	.20	2.0	.09	1.9	.20	.20
NITRITE AS N MG/L	--	--	--	--	--	--	.01	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	0	.32	.20	0	.09	.19	.05	.22	.14
PH UNITS	7.8	7.8	7.2	7.0	7.1	7.0	8.1	7.0	7.3
PHENOLS UG/L	--	0	--	--	--	--	--	1.0	0
PHOSPHORUS AS P MG/L	.01	0	.01	.02	.00	.01	.01	0	0
POTASSIUM MG/L	2.7	1.2	.50	.80	1.5	.20	1.1	.60	.60
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	4	0	2	0	1	3	2	0
SILICA MG/L	6.4	2.1	3.9	4.6	6.5	.90	4.5	3.6	3.5
SILVER UG/L	< .80	< .70	< .09	< .20	< .20	< .06	< .20	< .20	< .20
SODIUM MG/L	13	2.7	1.6	3.0	7.0	2.2	4.0	1.9	6.4
SPECIFIC COND UMHOS	590	264	68	108	162	46	109	64	88
STRONTIUM UG/L	210	220	20	30	76	14	44	24	23
SULFATE MG/L	26	18	9.0	13	15	8.0	10	14	16
TIN UG/L	< 8.0	< 8.0	< .90	< 2.0	< 2.0	< .60	< 2.0	< 2.0	< 3.0
TITANIUM UG/L	< 10	< 2.0	1.0	1.0	< 2.0	.90	< .70	1.0	< .50
VANADIUM UG/L	< 8.0	< 2.0	< .90	< 2.0	< 2.0	< .00	< .70	< .30	< .50
ZINC UG/L	< 530	400	< 59	< 68	96	< 37	20	< 7.4	< 97
ZIRCONIUM UG/L	< 16	< 8.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 3.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

OTSEGO COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	422358075102200	OTEGO(V)-WELL
B	425112074591200	RICHFIELD SPRINGS-ALLEN LAKE
C	423257074491400	SCHENEVUS(V)-WELL
D	423538074443900	WORCESTER WD-CARYLS LAKE

SYSTEM(S) ON THIS PAGE..	A	B	C	D
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	DISTRBN
DATE.....	03/13/74	02/27/73	02/27/73	02/27/73
ALUMINUM UG/L	10	9.0	230	45
ARSENIC UG/L	1	0	0	0
BARIUM UG/L	54	12	4.0	6.0
BERYLLIUM UG/L	< .50	< 1.0	< .30	< .20
BICARBONATE MG/L	66	125	11	8
BISMUTH UG/L	< 3.0	< 3.0	< .70	< .60
BORON UG/L	8.0	6.0	6.0	5.0
CADMIUM UG/L	0	0	0	0
CALCIUM MG/L	19	44	4.7	4.1
CARBONATE MG/L	0	0	0	0
CHLORIDE MG/L	7.7	6.0	1.7	1.7
CHROMIUM UG/L	< 1	< 3	< 1	< 1
COBALT UG/L	< 3.0	< 3.0	< .70	5.0
COLIFORM COL/100 ML	--	--	--	--
COPPER UG/L	45	1900	340	670
CYANIDE MG/L	.01	0	.01	.01
DISS SOLIDS SUM MG/L	83	135	33	25
FLUORIDE MG/L	.20	0	0	.10
GALLIUM UG/L	< 1.0	< 2.0	< .30	< .30
GERMANIUM UG/L	< 3.0	< 3.0	< .70	< .60
HARDNESS TOTAL MG/L	83	117	17	14
HARDNESS NONCARB MG/L	25	15	8	8
IRON UG/L	850	35	660	2400
LEAD UG/L	< 3.0	5.0	2.0	3.0
LITHIUM UG/L	0	< 10	< 10	< 10
MAGNESIUM MG/L	3.8	1.8	1.3	1.0
MANGANESE UG/L	11	4.0	82	55
MBAS MG/L	.01	.01	.01	0
MERCURY UG/L	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .50	< 2.0	< .30	< .30
NICKEL UG/L	< 2.0	< 3.0	1.0	1.0
NITRATE AS N MG/L	3.9	.20	.20	.09
NITRITE AS N MG/L	0	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.05	.28	.19	.11
PH UNITS	6.3	7.6	6.8	6.3
PHENOLS UG/L	--	--	--	--
PHOSPHORUS AS P MG/L	.02	.04	.01	.00
POTASSIUM MG/L	1.4	.90	.30	.20
RUBIDIUM UG/L	--	--	--	--
SELENIUM UG/L	3	0	0	0
SILICA MG/L	8.6	4.7	4.6	2.2
SILVER UG/L	< .30	< .30	< .07	< .05
SODIUM MG/L	5.0	3.4	1.9	1.6
SPECIFIC COND UMHOS	100	238	48	41
STRONTIUM UG/L	40	45	14	18
SULFATE MG/L	13	13	9.5	9.7
TIN UG/L	< 3.0	< 3.0	< .70	< .60
TITANIUM UG/L	< 1.0	< 2.0	7.0	1.0
VANADIUM UG/L	< 1.0	< 2.0	< .70	< .60
ZINC UG/L	20	< 140	< 45	80
ZIRCONIUM UG/L	< 3.0	< 4.0	< 2.0	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

PUTNAM COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	412127073462701	BONIVILLE WATER COMPANY-WELL
B	412127073462700	BONIVILLE WATER COMPANY-WELL
C	412405073300400	BREWSTER(V)-WELLS
D	412401073375500	BREWSTER HEIGHTS-MIDDLE BRANCH RESERVOIR
E	412451073411700	CARMEL WD #2-LAKE GLENEIDA
F	412225073471600	CARMEL WD #3-LAKE SECOR
G	412225073471601	CARMEL WD #3-LAKE SECOR

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	F	G	G
TYPE OF WATER SAMPLED...	RAW	TREATED	DISTRBN	DISTRBN	DISTRBN	RAW	RAW	TREATED	TREATED
DATE.....	12/10/73	12/10/73	10/19/71	12/10/73	09/19/72	10/19/71	01/16/75	10/19/71	01/16/75
ALUMINUM UG/L	30	75	20	40	20	49	85	140	50
ARSENIC UG/L	< 1	1	6	< 1	1	11	0	4	0
BARIUM UG/L	40	41	59	2.0	14	51	30	48	23
BERYLLIUM UG/L	< 1.0	< 1.0	< 4.0	< .00	< .90	< 2.0	< .30	< 2.0	< .60
BICARBONATE MG/L	163	160	206	48	64	48	25	27	43
BISMUTH UG/L	< 5.0	< 5.0	< 8.0	< 3.0	< 3.0	< 3.0	< 2.0	< 3.0	< 3.0
BORON UG/L	5.0	6.0	22	12	8.0	35	15	21	12
CADMIUM UG/L	0	0	0	0	0	0	1	1	0
CALCIUM MG/L	34	34	62	.70	21	18	8.2	15	13
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	14	13	43	25	22	21	8.6	19	14
CHROMIUM UG/L	< 2	< 2	< 8	< 2	< 3	< 3	< 1	< 3	< 2
COBALT UG/L	< 4.0	< 4.0	< 8.0	< 2.0	< 3.0	< 3.0	< 2.0	< 3.0	< 3.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	1.0	2.0	8.0	10	280	8.0	2.0	7.0	7.0
CYANIDE MG/L	.01	.01	.01	0	0	.01	0	0	0
DISS SOLIDS SUM MG/L	181	178	312	108	109	99	59	145	135
FLUORIDE MG/L	.30	.20	.80	.30	.10	.10	.10	.10	.10
GALLIUM UG/L	< 2.0	< 2.0	< 8.0	< 1.0	< 2.0	< 3.0	< .60	< 3.0	< 2.0
GERMANIUM UG/L	< 5.0	< 5.0	< 17	< 3.0	< 4.0	< 6.0	< 2.0	< 5.0	< 3.0
HARDNESS TOTAL MG/L	143	143	245	3	79	63	32	56	51
HARDNESS NONCARB MG/L	9	11	76	0	27	23	11	33	0
IRON UG/L	8.0	54	1100	150	72	160	140	24	15
LEAD UG/L	< 5.0	< 5.0	< 8.0	< 3.0	7.0	< 3.0	4.0	< 3.0	< 3.0
LITHIUM UG/L	0	0	< 10	0	< 10	< 10	< .50	< 10	< 1.0
MAGNESIUM MG/L	14	14	22	.40	6.5	4.3	2.7	4.4	4.4
MANGANESE UG/L	12	14	250	25	12	66	15	6.0	< 2.0
MBAS MG/L	.01	0	.04	.01	.02	.04	0	.03	.10
MERCURY UG/L	< .50	< .50	< .50	45	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	4.0	5.0	< 2.0	< .60	< 2.0	< .50	< .60	< .50	< 2.0
NICKEL UG/L	< 5.0	< 5.0	< 8.0	< 3.0	3.0	.90	< 1.0	< 3.0	< 3.0
NITRATE AS N MG/L	.17	.07	.80	.05	0	.50	.33	.10	.34
NITRITE AS N MG/L	.01	.01	--	.00	--	--	.01	--	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	.79	--	--	--
NITROGEN NH4+ORG-N MG/L	.36	.14	.42	.36	.35	1.1	.21	.20	.13
PH UNITS	7.8	8.0	7.2	7.6	8.1	7.4	4.7	6.4	7.4
PHENOLS UG/L	--	--	2.0	--	--	3.0	--	3.0	--
PHOSPHORUS AS P MG/L	.08	.09	1.4	.02	.07	.06	.01	.01	0
POTASSIUM MG/L	3.8	3.7	3.9	.20	1.5	2.3	1.0	2.3	1.2
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	2	0	2	3	0	9	1	1	2
SILICA MG/L	15	15	12	.01	.30	2.7	6.7	2.2	3.7
SILVER UG/L	< .50	< .50	< .80	< .30	< .30	< .30	< .20	< .20	< .30
SODIUM MG/L	7.7	7.7	18	43	11	10	6.1	26	28
SPECIFIC COND UMHOS	321	316	543	202	207	183	85	250	250
STRONTIUM UG/L	95	100	140	4.0	49	85	33	57	50
SULFATE MG/L	12	12	47	13	15	16	13	63	35
TIN UG/L	< 5.0	< 5.0	< 8.0	< 3.0	< 3.0	< 3.0	< 2.0	< 3.0	< 3.0
TITANIUM UG/L	< 2.0	4.0	< 4.0	2.0	< 2.0	3.0	5.0	< 2.0	< 3.0
VANADIUM UG/L	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0
ZINC UG/L	20	60	< 350	10	270	< 110	0	160	10
ZIRCONIUM UG/L	< 5.0	< 5.0	< 17	< 3.0	< 6.0	< 6.0	< 2.0	< 5.0	< 3.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

PUTNAM COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	412802073562600	COLD SPRING(V)-FOUNDRY BROOK
B	411954073542000	CONTINENTAL VILLAGE WD-CATSKILL AQUEDUCT
C	412622073442600	EDGEWOOD CLUB-CHINA LAKE
D	412757073425801	GYPSY TRAIL CLUB-WELLS
E	412757073425800	GYPSY TRAIL CLUB-WELLS
F	412305073512600	HAL WATER DISTRICT-OSCAWANA LAKE
G	412045073455300	LAKE BALDWIN WATER COMPANY-TWO WELLS
H	412214073465100	LAKE GARDENS-LAKE MAHOPAC
I	412329073444300	LAKE MAHOPAC GARDENS-LAKE MAHOPAC

SYSTEM(S) ON THIS PAGE...	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	RAW	TREATED	DISTRBN	DISTRBN	DISTRBN	DISTRBN
DATE.....	10/14/71	01/16/75	09/19/72	01/15/75	01/15/75	05/06/75	01/16/75	09/19/72	09/19/72
ALUMINUM UG/L	23	270	32	6.0	6.0	40	20	22	47
ARSENIC UG/L	4	0	2	1	0	0	1	1	3
BARIUM UG/L	8.0	18	19	10	12	27	140	36	38
BERYLLIUM UG/L	< .70	< .20	< .40	< .70	< .70	< .10	< 1.0	< .90	< .70
BICARBONATE MG/L	35	14	33	59	67	24	84	49	45
BISMUTH UG/L	< 2.0	< .80	< 1.0	< 3.0	< 3.0	< .40	< 5.0	< 3.0	< 3.0
BORON UG/L	9.0	6.0	6.0	37	50	11	75	11	9.0
CADMIUM UG/L	0	0	0	0	1	0	1	0	0
CALCIUM MG/L	12	5.6	13	25	25	8.6	32	16	16
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	12	2.7	3.9	24	25	10	73	34	24
CHROMIUM UG/L	< 2	< 1	< 1	< 3	< 3	< 1	< 3	< 3	< 2
COBALT UG/L	< 2.0	< .80	< 1.0	< 3.0	< 3.0	< .20	< 5.0	< 3.0	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	49	85	440	18	100	35	100	13	260
CYANIDE MG/L	0	0	.01	0	0	.01	0	0	0
DISS SOLIDS SUM MG/L	79	28	53	124	128	55	250	118	98
FLUORIDE MG/L	.10	.10	0	.20	.10	.20	.10	1.6	.10
GALLIUM UG/L	< 2.0	< .40	< .50	< 2.0	< 2.0	< .20	< 3.0	< 2.0	< 1.0
GERMANIUM UG/L	< 4.0	< .80	< 2.0	< 3.0	< 3.0	< .50	< 5.0	< 4.0	< 3.0
HARDNESS TOTAL MG/L	43	18	39	90	91	29	125	57	57
HARDNESS NONCARB MG/L	14	7	12	42	36	4	56	17	20
IRON UG/L	200	370	1300	120	80	1200	110	54	250
LEAD UG/L	< 2.0	8.0	17	< 3.0	< 3.0	2.0	< 5.0	< 2.0	5.0
LITHIUM UG/L	< 10	.40	< 10	4.0	4.0	< .30	1.0	< 10	< 10
MAGNESIUM MG/L	3.2	1.0	3.5	6.8	7.0	1.8	11	4.2	4.2
MANGANESE UG/L	43	21	22	5.0	6.0	150	7.0	31	75
MBAS MG/L	.03	0	0	0	0	0	.10	.01	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	.80	< .50
MOLYBDENUM UG/L	< .30	< .40	< .50	< 2.0	< 2.0	< .20	< 3.0	< 2.0	< 1.0
NICKEL UG/L	< 2.0	1.0	4.0	2.0	2.0	2.0	3.0	< 3.0	2.0
NITRATE AS N MG/L	.20	.18	.03	1.3	1.6	.03	9.9	.07	0
NITRITE AS N MG/L	--	0	--	0	0	.01	0	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.26	.37	.33	.08	.12	.26	.17	.18	.40
PH UNITS	7.0	5.7	7.2	5.7	6.0	7.4	5.4	8.0	7.8
PHENOLS UG/L	4.0	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.02	.02	.01	.01	.01	.02	.02	.01	.02
POTASSIUM MG/L	.70	.20	.90	2.0	1.9	1.5	4.0	1.7	1.6
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	1	2	2	0	1	1	2	0
SILICA MG/L	11	2.1	.40	12	12	3.8	15	.40	.30
SILVER UG/L	< .20	< .10	.30	< .30	< .30	< .07	< .50	< .30	< .20
SODIUM MG/L	7.1	2.0	2.3	7.6	7.5	6.5	32	21	14
SPECIFIC COND UMHOS	131	51	98	300	245	108	435	226	191
STRONTIUM UG/L	32	22	34	60	64	40	110	53	51
SULFATE MG/L	15	7.2	16	16	15	11	32	15	16
TIN UG/L	< 2.0	< .80	2.0	< 3.0	< 3.0	< .40	< 5.0	< 3.0	< 2.0
TITANIUM UG/L	2.0	10	< .60	< 3.0	< 3.0	1.0	< 5.0	< 2.0	< 1.0
VANADIUM UG/L	< .70	.50	1.0	< 3.0	< 3.0	.40	< 3.0	< 2.0	< 1.0
ZINC UG/L	< 73	0	1200	0	120	50	230	< 180	340
ZIRCONIUM UG/L	< 4.0	< 1.0	< 3.0	< 4.0	< 4.0	< 1.0	< 6.0	--	< 5.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

PUTNAM COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND NAME SOURCE OF WATER SAMPLED
A	412228073433601	LAKE MAHOPAC RIDGE-LAKE MAHOPAC
B	412228073433800	LAKE MAHOPAC RIDGE-LAKE MAHOPAC
C	412223073434200	LAKE MAHOPAC RIDGE-LAKE MAHOPAC
D	412133073443200	LAKE MAHOPAC WOODS-LAKE MAHOPAC
E	412036073524400	LAKE PEEKSKILL WD-CATSKILL AQUEDUCT
F	412217073443600	LAKE VIEW PARK-LAKE MAHOPAC
G	412233073450200	MAHOPAC HILLS-LAKE MAHOPAC
H	412204073441000	MAHOPAC POINT-LAKE MAHOPAC
I	412156073441300	MAHOPAC WATER COMPANY-TWO WELLS

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	RAW	TREATED	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN
DATE.....	04/24/75	04/24/75	09/19/72	09/19/72	05/05/75	09/19/72	09/19/72	09/19/72	02/05/75
ALUMINUM UG/L	90	14	47	16	55	10	10	30	14
ARSENIC UG/L	1	1	3	2	0	2	2	5	0
BARIUM UG/L	33	32	35	24	20	34	31	34	44
BERYLLIUM UG/L	< .20	< .20	< .70	< .60	< .10	< .70	< .70	< .70	< .50
BICARBONATE MG/L	41	42	44	43	32	42	45	48	157
BISMUTH UG/L	< .60	< .60	< 2.0	< 2.0	< .50	< 2.0	< 2.0	< 2.0	< 2.0
BORON UG/L	16	16	13	6.0	35	12	9.0	11	72
CADMIUM UG/L	1	1	0	0	0	0	0	0	1
CALCIUM MG/L	15	14	16	15	12	16	15	16	46
CARBONATE MG/L	--	--	0	0	--	0	0	0	0
CHLORIDE MG/L	26	26	24	28	4.6	23	25	22	44
CHROMIUM UG/L	< 1	< 1	< 2	< 2	< 1	< 2	< 2	< 2	< 2
COBALT UG/L	< .30	< .40	< 2.0	< 2.0	< .30	< 2.0	< 2.0	< 2.0	< 1.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	2.0	7.0	11	3.0	85	31	34	7.0	80
CYANIDE MG/L	.01	.02	.01	.01	.01	0	0	0	0
DISS SOLIDS SUM MG/L	73	75	97	101	64	96	97	91	264
FLUORIDE MG/L	.10	.10	.10	.10	.20	.10	.10	.10	.20
GALLIUM UG/L	< .30	< .30	< 1.0	< .90	< .20	< 1.0	< 1.0	< 1.0	< .50
GERMANIUM UG/L	< .80	< .80	< 4.0	< 3.0	< .50	< 4.0	< 3.0	< 3.0	< 2.0
MANGNESS TOTAL MG/L	52	49	57	54	34	57	55	57	199
MANGNESS NONLABR MG/L	14	15	21	19	13	23	18	24	70
IRON UG/L	120	110	96	440	180	85	100	30	25
LEAD UG/L	4.0	< .60	2.0	< 2.0	4.0	4.0	4.0	2.0	2.0
LITHIUM UG/L	< .50	< .50	< 10	< 10	< .30	< 10	< 10	< 10	4.0
MAGNESIUM MG/L	3.6	3.5	4.1	4.1	2.3	4.2	4.2	4.1	8.3
MANGANESE UG/L	25	30	48	28	54	29	17	22	40
MBAS MG/L	0	0	.05	.01	0	.01	.02	.01	0
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	.53
MOLYBDENUM UG/L	< .20	< .20	< 1.0	< .90	< .20	< 1.0	< 1.0	< 1.0	< .50
NICKEL UG/L	.70	< .50	< 2.0	2.0	.40	< 2.0	< 2.0	< 2.0	< 2.0
NITRATE AS N MG/L	.12	.09	.05	0	.07	0	.01	0	1.1
NITRITE AS N MG/L	0	0	--	--	.01	--	--	--	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.37	.17	.41	.31	.48	.48	.37	.40	.17
PH UNITS	--	--	7.2	8.3	--	8.0	7.9	7.5	6.7
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.02	.02	.01	.02	.03	.01	.01	.01	.01
POTASSIUM MG/L	1.3	1.3	1.7	1.6	1.0	1.6	1.6	1.5	6.7
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	2	2	0	1	0	2	2
SILICA MG/L	< .20	< .10	< .40	< .30	< .20	< .30	< .30	< .30	19
SILVER UG/L	< .10	< .10	< .20	< .20	< .10	< .20	< .20	< .20	< .20
SODIUM MG/L	13	15	14	16	5.8	12	14	12	15
SPECIFIC COND UMHOS	180	196	188	149	120	188	190	182	500
STRONTIUM UG/L	57	57	54	39	70	51	49	54	290
SULFATE MG/L	14	13	15	15	14	16	15	15	27
TIN UG/L	< .60	< .60	< 2.0	< 2.0	< .50	< 2.0	< 2.0	< 2.0	< 2.0
TITANIUM UG/L	10	.50	1.0	< .90	2.0	< 1.0	< 1.0	< 1.0	< 2.0
VANADIUM UG/L	.70	< .50	< 1.0	< .90	< .30	< 1.0	< 1.0	< 1.0	< 2.0
ZINC UG/L	10	10	< 150	120	30	< 150	94	82	1100
ZIRCONIUM UG/L	< 2.0	< 2.0	< 5.0	< 4.0	< 1.0	< 5.0	< 5.0	< 5.0	< 3.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

PUTNAM COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	412308073454600	RED MILLS WATER COMPANY-WELLS
B	412644073410400	ROMANOFF LAKE ESTATES-UPPER WELL
C	412212073350800	STAR RIDGE MANOR WATER DISTRICT-WELLS
D	412504073325800	WILDWOOD HOMES-WELLS
E	412309073510801	WILDWOOD KNOLLS-OSCAWANA LAKE
F	412309073510800	WILDWOOD KNOLLS-OSCAWANA LAKE
G	412309073510802	WILDWOOD KNOLLS-OSCAWANA LAKE

SYSTEM(S) ON THIS PAGE	A	B	C	D	E	F	G
TYPE OF WATER SAMPLED	DISTRBN	DISTRBN	DISTRBN	DISTRBN	RAW	TREATED	DISTRBN
DATE	01/16/75	01/21/75	01/16/75	09/19/72	05/06/75	05/06/75	09/19/72
ALUMINUM UG/L	12	15	< 10	11	16	12	15
ARSENIC UG/L	0	0	0	1	0	0	2
BARIUM UG/L	120	78	80	< 10	29	15	23
BERYLLIUM UG/L	< 1.0	< 2.0	< 2.0	< 2.0	< .10	< .10	< .50
BICARBONATE MG/L	105	156	151	105	17	26	30
BISMUTH UG/L	< 5.0	< 5.0	< 7.0	< 5.0	< .30	< .40	< 2.0
BORON UG/L	10	120	50	27	12	9.0	7.0
CADMIUM UG/L	0	0	1	0	0	1	1
CALCIUM MG/L	44	44	53	0	7.5	12	12
CARBONATE MG/L	0	0	0	1	--	--	0
CHLORIDE MG/L	34	24	57	3.7	6.5	11	10
CHROMIUM UG/L	< 4	< 3	< 5	< 5	< 1	< 1	< 2
COBALT UG/L	< 5.0	< 5.0	< 7.0	< 5.0	< .20	< .20	< 2.0
COLIFORM COL/100 ML	--	--	--	47	--	--	--
COPPER UG/L	40	30	20	19	1.0	3.0	9.0
CYANIDE MG/L	0	.01	0	.01	0	.01	.01
DISS SOLIDS SUM MG/L	217	214	263	224	36	48	64
FLUORIDE MG/L	.20	0	.20	.50	.20	.10	.10
GALLIUM UG/L	< 3.0	< 3.0	< 3.0	< 2.0	< .20	< .20	< .60
GERMANIUM UG/L	< 5.0	< 5.0	< 7.0	< 7.0	< .40	< .50	< 2.0
HARDNESS TOTAL MG/L	176	163	211	0	26	37	38
HARDNESS NONCARB MG/L	40	35	87	0	12	16	14
IRON UG/L	50	30	50	17	55	720	750
LEAD UG/L	< 5.0	< 5.0	< 6.0	< 4.0	1.0	3.0	6.0
LITHIUM UG/L	< 1.0	5.0	3.0	< 10	< .30	< .30	< 10
MAGNESIUM MG/L	16	13	19	0	1.8	1.8	2.0
MANGANESE UG/L	< 4.0	5.0	< 5.0	< 4.0	20	5.0	6.0
MBAS MG/L	0	0	0	.01	0	0	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 3.0	< 3.0	< 3.0	< 3.0	.20	.20	< .60
NICKEL UG/L	< 4.0	< 5.0	< 7.0	< 5.0	.30	.50	1.0
NITRATE AS N MG/L	1.4	2.3	1.0	.03	.02	.04	.00
NITRITE AS N MG/L	.01	.01	0	--	.02	.01	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.13	.05	.07	.05	.24	.18	.26
PH UNITS	6.5	5.9	6.6	8.9	--	--	7.5
PHENOLS UG/L	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.05	.01	.01	.01	.02	.02	.01
POTASSIUM MG/L	3.0	5.7	3.2	.10	1.1	1.1	1.0
RUBIDIUM UG/L	--	--	--	--	--	--	--
SELENIUM UG/L	1	0	1	2	0	0	2
SILICA MG/L	15	14	15	21	3.3	3.3	3.8
SILVER UG/L	< .50	< .50	< .70	< .50	< .05	< .10	< .20
SODIUM MG/L	8.5	10	14	84	3.4	5.3	6.0
SPECIFIC COND UMHOS	390	390	450	342	79	105	116
STRONTIUM UG/L	100	140	120	10	44	54	46
SULFATE MG/L	14	24	26	23	12	13	14
TIN UG/L	< 5.0	< 5.0	< 7.0	< 5.0	< .30	< .40	< 2.0
TITANIUM UG/L	< 4.0	< 5.0	< 6.0	< 3.0	.90	.40	2.0
VANADIUM UG/L	< 4.0	< 3.0	< 6.0	< 3.0	< .30	< .30	< .60
ZINC UG/L	0	20	0	< 320	10	240	520
ZIRCONIUM UG/L	< 6.0	< 6.0	< 7.0	< 10	< .80	< 1.0	< 3.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

RENSSELAER COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	424137073222500	HERLIN WD #2-WELLS
B	424540073382100	BRUNSWICK WD #4-TOWNANNOCK RESERVOIR
C	423153073452600	CASTLETON-ON-HUDSON(V)-VLOCKY KILL
D	423706073435900	HAMPTON MANOR HILL WD #4-WELLS
E	425402073210300	HOOSICK FALLS(V)-INFILTRATION WELLS
F	423054073363700	NASSAU(V)-WELLS
G	425351073351100	SCHAGHTICOKE(V)-WELL
H	425203073350000	TROY(C)-TOWNANNOCK RESERVOIR

SYSTEM(S) ON THIS PAGE...	A	B	C	D	E	F	G	H	H
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	RAW	RAW
DATE.....	01/17/73	01/17/73	01/12/73	12/10/71	11/17/71	09/17/73	09/07/73	01/26/71	07/16/71
ALUMINUM UG/L	7.0	39	210	3.0	86	6.0	12	5.0	79
ARSENIC UG/L	6	0	0	0	1	0	0	0	4
BARIUM UG/L	14	21	50	170	210	100	38	35	31
BERYLLIUM UG/L	< 1.0	< .50	< 2.0	< 2.0	< 2.0	< 1.0	< 3.0	< .20	< .40
BICARBONATE MG/L	96	35	85	235	217	72	273	32	34
BISMUTH UG/L	< 3.0	< 2.0	< 4.0	< 7.0	< 5.0	< 4.0	< 8.0	< .80	< 2.0
BORON UG/L	46	6.0	12	10	51	30	77	14	5.0
CADMIUM UG/L	0	0	0	2	0	0	0	0	0
CALCIUM MG/L	34	19	36	71	63	31	41	14	11
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	18	12	13	9.6	22	25	43	5.2	4.0
CHROMIUM UG/L	< 3	< 2	< 4	< 7	< 5	< 2	3	< 1	< 2
COBALT UG/L	< 3.0	< 2.0	< 4.0	< 7.0	< 5.0	< 4.0	< 8.0	< .80	< .60
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	230	5.0	62	8.0	10	15	7.0	8.0	13
CYANIDE MG/L	.01	0	0	0	0	0	.01	0	0
DISS SOLIDS SUM MG/L	144	83	149	291	261	131	320	62	57
FLUORIDE MG/L	.10	1.0	.10	.20	1.0	.30	.50	1.4	0
GALLIUM UG/L	< 2.0	< .70	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< .60	< .60
GERMANIUM UG/L	< 3.0	< 2.0	< 4.0	< 14	< 7.0	< 4.0	< 8.0	< 1.0	< 3.0
HARDNESS TOTAL MG/L	109	58	120	251	207	106	142	44	37
HARDNESS NONCARB MG/L	33	29	51	59	29	47	0	18	9
IRON UG/L	6.0	43	260	21	50	100	18	10	130
LEAD UG/L	< 3.0	< 2.0	< 4.0	< 7.0	< 3.0	< 4.0	< 8.0	.90	1.0
LITHIUM UG/L	< 10	< 10	< 10	20	< 10	0	10	.20	.30
MAGNESIUM MG/L	5.8	2.6	7.4	18	12	6.9	9.7	2.3	2.2
MANGANESE UG/L	< 3.0	5.0	19	61	690	6.0	240	3.0	350
MBAS MG/L	.03	.02	.03	.33	.03	0	.05	.02	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< .70	< 2.0	< 2.0	< 2.0	< 2.0	7.0	< .30	< .30
NICKEL UG/L	< 3.0	< 2.0	< 4.0	< 7.0	< 7.0	< 4.0	< 8.0	2.0	< 1.0
NITRATE AS N MG/L	2.4	.40	1.0	0	0	1.8	.04	.09	.10
NITRITE AS N MG/L	--	--	--	--	--	.00	.00	.01	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	.05	.09
NITROGEN NH4+ORG-N MG/L	.15	.10	.22	.02	.03	.02	.04	--	.32
PH UNITS	7.3	7.4	7.8	7.7	7.9	7.7	8.3	7.2	7.0
PHENOLS UG/L	--	--	--	13	0	--	--	1.0	0
PHOSPHORUS AS P MG/L	0	.00	.01	.01	.84	.00	.03	.03	.01
POTASSIUM MG/L	1.3	1.0	.90	.90	1.8	.00	1.5	1.0	1.9
RUBIDIUM UG/L	--	--	--	--	--	--	--	.40	.40
SELENIUM UG/L	0	0	< 3	0	4	0	0	<	0
SILICA MG/L	8.5	3.7	8.1	13	4.7	11	6.6	1.8	1.3
SILVER UG/L	< .30	< .20	< .40	< 2.0	< .40	0	< 2.0	< .05	< .20
SODIUM MG/L	10	3.5	6.2	5.8	15	14	71	3.3	3.4
SPECIFIC COND UMHOS	284	141	254	479	444	283	567	114	103.
STRONTIUM UG/L	93	70	150	230	230	110	250	74	71
SULFATE MG/L	17	23	34	57	30	27	12	17	16
TIN UG/L	< 3.0	< 2.0	< 400	< 7.0	< 7.0	< 4.0	< 8.0	< .80	< 2.0
TITANIUM UG/L	< 3.0	< 2.0	< 4.0	< 4.0	< 3.0	< 3.0	< 6.0	.79	3.0
VANADIUM UG/L	< 3.0	< 2.0	< 4.0	< 4.0	< 3.0	< 2.0	< 4.0	< .50	< 2.0
ZINC UG/L	< 210	< 100	< 230	< 650	< 420	20	10	< 55	< 80
ZIRCONIUM UG/L	< 7.0	< 4.0	< 8.0	< 14	< 15	< 6.0	< 11	< 3.0	< 3.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

RENSSELAER COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	425203073350000	TROY(C)-TOMHANNOCK RESERVOIR

SYSTEM(S) ON THIS PAGE...	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	10/14/71	01/14/72	04/06/72	05/17/72	05/31/72	06/14/72	07/12/72	07/26/72	08/09/72
ALUMINUM UG/L	71	60	89	330	95	120	110	81	71
ARSENIC UG/L	0	1	0	1	5	3	4	5	3
BARIUM UG/L	30	35	32	82	29	42	60	38	30
BERYLLIUM UG/L	< .30	< .30	< .30	< .50	< .20	< .50	< 2.0	< .60	< .60
BICARBONATE MG/L	33	32	28	30	30	31	34	33	35
BISMUTH UG/L	< 2.0	< 2.0	< 2.0	< 3.0	< 1.0	< 2.0	< 2.0	< 2.0	< 3.0
BORON UG/L	7.0	4.0	5.0	13	5.0	7.0	8.0	9.0	6.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	13	13	12	12	11	12	12	12	12
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	8.2	7.5	7.5	4.0	4.0	3.7	3.5	3.5	3.5
CHROMIUM UG/L	< 2	< 2	< 2	< 3	< 1	< 3	< 2	< 3	< 3
COBALT UG/L	< .50	< 2.0	< 2.0	< 3.0	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0
COLIFORM COL/100 ML	--	--	--	4700	450	330	5500	1700	2800
COPPER UG/L	15	8.0	10	18	11	20	15	16	20
CYANIDE MG/L	0	0	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	59	63	59	56	55	55	55	56	56
FLUORIDE MG/L	.10	.10	.10	0	0	0	0	.10	.10
GALLIUM UG/L	< .60	< .30	< .60	< 3.0	< .50	< 2.0	< 2.0	< 2.0	< 2.0
GERMANIUM UG/L	< 2.0	< 2.0	< 2.0	< 6.0	< 2.0	< 3.0	< 3.0	< 3.0	< 1.0
HARDNESS TOTAL MG/L	43	44	40	39	37	40	40	41	41
HARDNESS NONCARB MG/L	16	18	17	15	12	15	12	14	12
IRON UG/L	170	89	110	270	110	200	180	120	100
LEAD UG/L	< 3.0	< 2.0	1.0	5.0	1.0	2.0	< 2.0	5.0	< 2.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	2.5	2.9	2.4	2.3	2.2	2.5	2.5	2.6	2.6
MANGANESE UG/L	190	83	49	120	110	340	190	230	180
MBAS MG/L	.02	.02	.05	.02	.02	.02	.02	.01	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .30	.30	< .30	< 3.0	< .50	< .60	< .60	< .30	< .30
NICKEL UG/L	1.0	< .60	< 2.0	6.0	1.0	< 2.0	< 2.0	< .60	< 2.0
NITRATE AS N MG/L	.10	.20	.30	.50	.40	.30	.30	.30	.20
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	.15	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.84	.36	.28	.27	.31	.44	.45	.35	.35
PH UNITS	6.9	7.0	6.7	7.2	7.4	7.1	7.2	7.2	7.2
PHENOLS UG/L	2.0	1.0	0	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.02	.02	.04	.03	.01	.02	.02	.03	.01
POTASSIUM MG/L	1.0	1.1	1.2	1.0	1.0	1.2	.90	.90	.90
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	3	2	0	0	0	1	0	0	0
SILICA MG/L	2.2	2.7	2.5	2.7	1.5	1.6	2.1	2.4	2.4
SILVER UG/L	< .10	< .30	< .30	< .60	< .06	< .30	< .30	< .30	< .30
SODIUM MG/L	3.5	3.0	3.4	3.2	3.1	3.1	3.0	3.2	3.2
SPECIFIC COND UMHOS	108	113	107	101	105	100	103	103	104
STRONTIUM UG/L	72	69	63	160	66	73	63	72	79
SULFATE MG/L	14	17	16	15	17	15	14	15	14
TIN UG/L	< 2.0	< 2.0	< 3.0	< 6.0	< 1.0	< 2.0	< 3.0	< 3.0	< 3.0
TITANIUM UG/L	3.0	2.0	3.0	37	3.0	5.0	6.0	3.0	4.0
VANADIUM UG/L	< .60	< .60	< 2.0	< 2.0	< .70	< .60	< 2.0	< .60	< .60
ZINC UG/L	< 57	< 140	< 57	< 120	< 75	< 64	< 60	< 130	< 86
ZIRCONIUM UG/L	< 3.0	< 3.0	< 3.0	< 6.0	< 3.0	< 3.0	< 3.0	< 3.0	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

RENSSELAER COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	425203073350000	TROY(C)-TUTHANNOCK RESERVOIR

SYSTEM(S) ON THIS PAGE	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE	08/23/72	09/06/72	09/20/72	10/03/72	10/18/72	11/01/72	11/15/72	11/29/72	12/13/72
ALUMINUM UG/L	50	54	52	52	110	90	77	69	82
ARSENIC UG/L	2	5	0	1	5	0	0	0	0
BARIUM UG/L	30	32	29	31	43	40	34	32	29
BERYLLIUM UG/L	< .40	< .30	< .60	< .70	< .30	< .30	< .50	< .40	< .30
BICARBONATE MG/L	35	36	37	38	37	36	36	37	32
BISMUTH UG/L	< 2.0	< 1.0	< 3.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
BORON UG/L	8.0	8.0	6.0	8.0	6.0	8.0	9.0	9.0	8.0
CADMIUM UG/L	0	1	0	0	0	0	0	0	0
CALCIUM MG/L	12	13	13	13	13	13	13	14	13
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	4.0	3.5	4.0	3.5	3.8	3.4	4.0	3.9	4.0
CHROMIUM UG/L	< 2	< 1	< 2	< 3	< 2	< 2	< 2	< 2	< 2
COBALT UG/L	< .40	< 2.0	< 2.0	< 3.0	< 2.0	< 2.0	3.0	< 2.0	< 2.0
COLIFORM COL/100 ML	1900	180	250	280	28	< 17	< 120	< 130	48
COPPER UG/L	23	26	23	26	12	9.0	10	8.0	7.0
CYANIDE MG/L	0	.01	.01	0	0	0	.01	0	0
DISS SOLIDS SUM MG/L	57	58	60	59	64	59	59	62	61
FLUORIDE MG/L	0	.10	.10	.20	.10	.10	.10	.10	.10
GALLIUM UG/L	< .60	< .70	< 2.0	< 2.0	< .70	< .70	< .60	< .60	< .60
GERMANIUM UG/L	< 2.0	< 2.0	3.0	< 3.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
HARDNESS TOTAL MG/L	41	43	43	43	43	43	44	46	43
HARDNESS NONCARB MG/L	12	13	13	12	13	14	14	16	17
IRON UG/L	80	81	76	130	210	180	140	150	< 130
LEAD UG/L	< 2.0	1.0	2.0	4.0	2.0	1.0	1.0	< 2.0	1.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	2.6	2.5	2.6	2.6	2.6	2.6	2.7	2.7	2.6
MANGANESE UG/L	150	150	200	320	320	230	120	110	55
MBAS MG/L	.03	.02	.06	.02	.02	.02	.02	.02	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .30	< .70	< .60	< .30	< .70	< .70	< .60	< .60	< .30
NICKEL UG/L	1.0	< 1.0	< 2.0	< .70	2.0	2.0	1.0	< 2.0	2.0
NITRATE AS N MG/L	.20	.09	.13	.20	.30	.20	.10	.20	.30
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	.40	--	--	--	--	--	--	--	--
NITROGEN NH4+ORGAN MG/L	.36	.39	.46	.50	.48	.41	.34	.67	.51
PH UNITS	8.0	7.5	7.5	7.4	7.5	7.4	7.5	7.3	6.9
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.02	.01	.01	.02	.02	.02	.02	.02	.02
POTASSIUM MG/L	1.0	.90	1.2	1.2	1.0	.90	1.1	1.3	.90
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	4	3	0	2	2	4	6	4	0
SILICA MG/L	2.5	2.6	2.8	3.3	3.2	2.8	2.7	2.6	2.9
SILVER UG/L	< .10	< .20	< .30	< .30	< .20	< .20	< .20	< .20	< .20
SODIUM MG/L	3.4	3.2	3.4	3.2	3.4	3.4	3.2	3.3	3.2
SPECIFIC COND UMHOS	105	106	106	105	104	104	106	110	105
STRONTIUM UG/L	73	80	75	71	82	80	93	95	82
SULFATE MG/L	14	14	15	13	13	14	14	15	14
TIN UG/L	< 2.0	< 2.0	< 3.0	< 3.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TITANIUM UG/L	2.0	< .70	3.0	2.0	5.0	4.0	3.0	4.0	3.0
VANADIUM UG/L	< .90	< .70	< 2.0	< 3.0	< .70	< .70	< 2.0	< 2.0	< .90
ZINC UG/L	< 90	< 85	< 130	< 52	< 44	0	20	10	0
ZIRCONIUM UG/L	< 2.0	3.0	< 3.0	< 3.0	< 3.0	< 2.0	< 2.0	< 3.0	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

RENSSELAER COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	425203073350000	TROY(C)-TOMHANNOCK RESERVOIR

SYSTEM(S) ON THIS PAGE...	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	12/27/72	01/10/73	01/24/73	02/07/73	02/21/73	03/07/73	03/21/73	04/04/73	04/19/73
ALUMINUM UG/L	70	94	110	90	81	57	100	130	74
ARSENIC UG/L	10	0	0	10	0	0	0	0	0
BARIUM UG/L	27	30	30	30	28	29	32	33	29
BERYLLIUM UG/L	< .30	< .40	< .40	< .30	< .30	< .40	< .30	< .30	< .40
BICARBONATE MG/L	31	28	30	31	28	33	28	30	28
BISMUTH UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
BORON UG/L	4.0	8.0	9.0	6.0	7.0	5.0	8.0	7.0	6.0
CADMIUM UG/L	1	1	0	0	0	0	0	0	0
CALCIUM MG/L	14	12	13	13	12	12	12	12	12
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	3.7	4.5	3.8	3.9	3.8	4.0	4.5	3.5	3.7
CHROMIUM UG/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
COBALT UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
COLIFORM CUL/100 ML	490	< 4	35	46	< 4	< 3	< 2	240	20
COPPER UG/L	6.0	4.0	6.0	6.0	7.0	6.0	6.0	10	7.0
CYANIDE MG/L	0	0	0	.01	0	0	.01	.02	.01
DISS SOLIDS SUM MG/L	61	58	57	57	55	58	56	58	53
FLUORIDE MG/L	.10	.10	.10	0	.10	0	0	.30	.10
GALLIUM UG/L	< .60	< .60	< .60	< .60	< .60	< .60	< .60	< .60	< .60
GERMANIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
HARDNESS TOTAL MG/L	40	41	43	43	40	40	40	39	39
HARDNESS NONCARB MG/L	29	16	19	16	17	13	17	15	16
IRON UG/L	97	99	100	120	87	73	130	200	110
LEAD UG/L	1.0	< 2.0	< 2.0	< 2.0	< 2.0	1.0	< 2.0	< 1.0	< 2.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	--	--
MAGNESIUM MG/L	2.6	2.6	2.6	2.6	2.4	2.4	2.4	2.3	2.3
MANGANESE UG/L	40	53	49	43	42	37	180	250	35
MBAS MG/L	.02	.01	.02	.02	.03	.02	.02	.02	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	.60	< .50	< .50
MOLYBDENUM UG/L	< .30	< .60	< .60	< .60	< .60	< .60	< .60	< .40	< .60
NICKEL UG/L	2.0	< 2.0	< 2.0	< 1.0	< 2.0	1.0	< 2.0	< 2.0	< 2.0
NITRATE AS N MG/L	.40	.40	.50	.50	.50	.50	.50	.50	.03
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.23	.10	.18	.14	.21	.20	.20	.28	.31
PH UNITS	7.0	7.3	7.3	7.0	7.3	7.4	7.2	7.2	7.5
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.02	.02	.01	.03	.01	.01	.01	.02	.02
POTASSIUM MG/L	1.0	.90	1.1	1.1	1.0	1.0	.90	1.4	.90
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	--	4	2	1	0	0	2	1	1
SILICA MG/L	3.3	3.4	3.2	3.0	3.4	3.0	3.4	3.3	3.0
SILVER UG/L	< .20	< .20	< .20	< .20	< .20	< .20	< .20	< .20	< .20
SODIUM MG/L	3.3	3.1	3.2	3.0	3.1	3.2	3.1	3.9	3.1
SPECIFIC COND UMHOS	107	104	103	105	101	101	100	100	95
STRONTIUM UG/L	70	61	69	71	58	62	67	63	72
SULFATE MG/L	17	17	16	16	15	16	15	16	14
TIN UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0
TITANIUM UG/L	1.0	2.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0
VANADIUM UG/L	< .90	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 1.0	< 2.0
ZINC UG/L	0	0	10	0	0	0	0	0	0
ZIRCONIUM UG/L	< 2.0	< 2.0	< 3.0	< 2.0	< 3.0	< 2.0	< 2.0	< 2.0	< 3.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

RENSSELAER COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	425203073350000	TROY(C)-TOMHANNOCK RESERVOIR
B	425049073370201	TROY(C)-TOMHANNOCK RESERVOIR

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	B	B	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	TREATED	TREATED	TREATED	TREATED
DATE.....	05/22/73	06/13/74	10/04/74	12/26/74	03/17/75	01/26/71	07/16/71	10/14/71	01/14/72
ALUMINUM UG/L	44	38	70	42	120	28	53	45	52
ARSENIC UG/L	10	0	1	1	0	0	0	0	0
BARIUM UG/L	24	25	33	34	35	34	23	26	33
BERYLLIUM UG/L	< .40	< .40	< .10	< .50	< .20	< .30	< .40	< .40	< .40
BICARBONATE MG/L	35	24	39	31	29	38	35	34	42
BISMUTH UG/L	< 2.0	< 1.0	< .50	< 2.0	< .50	< 1.0	< 2.0	< 2.0	< 2.0
BORON UG/L	5.0	4.0	6.0	4.0	10	10	3.0	5.0	9.0
CADMIUM UG/L	0	0	0	0	0	--	0	0	0
CALCIUM MG/L	14	10	12	12	10	14	17	14	14
CARBONATE MG/L	0	0	0	0	0	0	0	1	0
CHLORIDE MG/L	4.0	3.4	4.0	3.4	4.1	7.0	6.5	6.8	7.4
CHROMIUM UG/L	< 2	< 1	< 1	< 2	< 1	< 1	< 2	< 2	< 2
COBALT UG/L	< 2.0	< 1.0	< .30	< 2.0	< .50	< 1.0	< .40	< .80	< 2.0
COLIFORM COL/100 ML	42	--	--	--	--	--	--	--	--
COPPER UG/L	7.0	8.0	10	5.0	5.0	3.0	4.0	2.0	2.0
CYANIDE MG/L	.01	0	.01	.01	0	0	0	0	0
DISS SOLIDS SUM MG/L	54	47	57	55	52	76	74	78	83
FLUORIDE MG/L	.20	.20	.10	.10	.10	1.1	.80	1.1	1.0
GALLIUM UG/L	< .60	< .30	< .30	< .70	< .20	< .70	< .40	< .80	< .40
GERMANIUM UG/L	< 2.0	< 1.0	< .50	< 2.0	< .70	< 2.0	< 2.0	< 2.0	< 2.0
HARDNESS TOTAL MG/L	44	35	40	41	34	57	52	58	60
HARDNESS NONCARB MG/L	16	15	8	16	11	26	23	24	26
IRON UG/L	52	67	160	90	140	16	69	44	30
LEAD UG/L	< 2.0	.60	2.0	< 2.0	.70	.40	< 1.0	< 4.0	< 2.0
LITHIUM UG/L	--	.40	.20	.50	.40	.40	.30	< 10	< 10
MAGNESIUM MG/L	2.3	2.4	2.5	2.7	2.3	2.5	2.2	2.5	3.1
MANGANESE UG/L	63	70	470	97	43	< .70	23	2.0	2.0
MBAS MG/L	.03	.04	.07	0	0	.02	.02	.02	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .60	< .50	.20	< .70	< .20	< .40	< .40	< .40	< .40
NICKEL UG/L	< 2.0	< 1.0	.60	< 2.0	.50	< 2.0	< 1.0	< 2.0	< .80
NITRATE AS N MG/L	.30	.17	.45	.15	.33	.12	0	0	.20
NITRITE AS N MG/L	--	.03	.50	.01	.01	0	0	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	.10	.07	--	--
NITROGEN NH4+ORG-N MG/L	.30	.23	.40	.28	.23	--	.18	.37	.16
PH UNITS	7.6	7.4	7.5	7.7	7.4	8.2	7.6	8.3	7.6
PHENOLS UG/L	--	--	--	--	--	0	0	3.0	0
PHOSPHORUS AS P MG/L	.01	.02	.02	.02	.02	.01	0	.01	0
POTASSIUM MG/L	.80	.80	1.0	.80	1.1	1.0	1.7	1.1	1.2
RUBIDIUM UG/L	--	--	--	--	--	.30	.40	--	--
SELENIUM UG/L	1	3	< 2	0	0	0	3	1	3
SILICA MG/L	2.5	.30	2.2	1.4	2.9	2.3	1.7	2.6	3.2
SILVER UG/L	< .25	< .10	< .05	< .25	< .05	< .07	< .20	< .20	< .40
SODIUM MG/L	3.1	3.2	3.0	3.2	3.1	3.7	3.4	3.9	3.5
SPECIFIC COND UMHOS	94	89	105	111	102	145	139	145	148
STRONTIUM UG/L	55	63	80	85	78	81	78	87	82
SULFATE MG/L	15	14	13	15	14	22	23	21	24
TIN UG/L	< 2.0	< 1.0	< .50	< 2.0	< .50	< 1.0	< 2.0	< 2.0	< 2.0
TITANIUM UG/L	< 2.0	1.0	2.0	< 2.0	3.0	.90	< 1.0	2.0	1.0
VANADIUM UG/L	< 2.0	< .60	.40	< 2.0	< .50	< .70	< 1.0	< .80	< .80
ZINC UG/L	10	50	20	0	30	< 70	< 70	< 74	< 180
ZIRCONIUM UG/L	< 3.0	< 2.0	< .70	< 3.0	< 1.0	< 4.0	< 2.0	< 4.0	< 4.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

RENSSELAER COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	425049073370201	TROY(C)-TUMMANOCK RESERVOIR
SYSTEM(S) ON THIS PAGE..	A	A	A	A	A
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	06/06/72	06/13/74	10/04/74	12/26/74	03/17/75
ALUMINUM UG/L	77	57	60	56	44
ARSENIC UG/L	0	0	< 1	1	0
BARIUM UG/L	31	20	27	42	32
BERYLLIUM UG/L	< .40	< .50	< .20	< .00	< .20
BICARBONATE MG/L	30	32	33	37	36
BISMUTH UG/L	< 2.0	< 2.0	< .69	< 2.0	< .50
BORON UG/L	3.0	4.0	4.0	5.0	8.0
CADMIUM UG/L	0	1	0	0	0
CALCIUM MG/L	18	16	19	19	18
CARBONATE MG/L	4	0	0	0	0
CHLORIDE MG/L	6.3	6.7	7.6	5.8	6.1
CHROMIUM UG/L	< 2	< 1	< 1	< 3	< 1
COBALT UG/L	< 2.0	< 2.0	< .30	< 2.0	< .50
COLIFORM COL/100 ML	--	--	--	--	--
COPPER UG/L	2.0	1.0	3.0	1.0	2.0
CYANIDE MG/L	0	0	.31	.01	.01
DISS SOLIDS SUM MG/L	77	66	75	76	75
FLUORIDE MG/L	1.1	1.0	1.0	1.1	1.1
GALLIUM UG/L	< .80	< .40	< .32	< .40	< .30
GERMANIUM UG/L	< 2.0	< 2.0	< .60	< 2.0	< .80
HARDNESS TOTAL MG/L	55	50	57	59	50
HARDNESS NONCARB MG/L	24	24	30	29	21
IRON UG/L	46	28	40	33	30
LEAD UG/L	< .60	< .70	< .65	< 2.0	< .50
LITHIUM UG/L	< 10	.40	.30	.40	.50
MAGNESIUM MG/L	2.5	2.4	2.4	2.6	2.5
MANGANESE UG/L	< 2.0	6.0	8.0	2.0	1.0
MBAS MG/L	.01	.05	.03	0	0
MERCURY UG/L	< .50	< .50	< .50	< .30	< .50
MOLYBDENUM UG/L	< .40	< .70	< .20	< .00	< .30
NICKEL UG/L	< 2.0	< 2.0	< .30	< 2.0	< .50
NITRATE AS N MG/L	.30	.17	.05	.17	.32
NITRITE AS N MG/L	--	.01	0	0	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.29	.08	.04	.12	.10
PH UNITS	8.6	9.1	8.8	8.8	8.9
PHENOLS UG/L	0.0	--	--	--	--
PHOSPHORUS AS P MG/L	0	0	0	.01	.01
POTASSIUM MG/L	1.1	.90	1.0	.90	1.1
RUBIDIUM UG/L	--	--	--	--	--
SELENIUM UG/L	0	< 1	< 2	0	0
SILICA MG/L	3.0	1.0	2.6	2.4	3.3
SILVER UG/L	< .40	< .20	< .05	< .20	< .05
SODIUM MG/L	3.7	3.5	3.5	3.7	3.6
SPECIFIC COND UMHOS	137	120	150	140	135
STRONTIUM UG/L	81	71	90	83	75
SULFATE MG/L	22	19	22	22	23
TIN UG/L	< 4.0	< 2.0	< .58	< 2.0	< .50
TITANIUM UG/L	3.0	< 2.0	6.0	< 2.0	1.0
VANADIUM UG/L	< 2.0	< .75	.50	< 2.0	< .50
ZINC UG/L	< 77	10	40	0	10
ZIRCONIUM UG/L	< 4.0	< 2.0	< .40	< 4.0	< 1.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ROCKLAND COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	410733074100600	HILLBURN(V)-HILLBURN RESERVOIR
B	411259074032600	LETCHWORTH(V)-RESERVOIRS
C	411259074032601	LETCHWORTH(V)-RESERVOIRS
D	410543073573600	NYACK(V)-HACKENSACK RIVER
E	410543073573601	NYACK(V)-HACKENSACK RIVER
F	410930074113400	POTWAT WATER COMPANY-POTAKE POND
G	410621073580100	SPRING VALLEY(V)-LAKE DEFOREST
H	410621073580101	SPRING VALLEY(V)-LAKE DEFOREST
I	411357074005200	SPRING VAL WATER CO STONY PT PL-CEDAR POND BR

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	DISTRBN	RAW	TREATED	RAW	TREATED	DISTRBN	RAW	TREATED	RAW
DATE.....	01/26/73	01/10/72	01/10/72	01/10/72	01/10/72	01/26/73	01/10/72	01/10/72	01/10/72
ALUMINUM UG/L	84	110	330	150	95	35	47	62	80
ARSENIC UG/L	0	5	5	9	2	0	0	3	5
BARIUM UG/L	8.0	18	21	76	66	4.0	61	64	12
BERYLLIUM UG/L	< .20	.10	< .20	< .40	< 1.0	< .30	< .40	< .40	< .30
BICARBONATE MG/L	4	4	8	78	88	12	74	78	17
BISMUTH UG/L	< .50	< .40	< .50	< 3.0	< 4.0	< .80	< 3.0	< 3.0	< .80
BORON UG/L	7.0	8.0	7.0	40	35	10	34	32	9.0
CADMIUM UG/L	0	1	1	1	0	0	0	1	0
CALCIUM MG/L	4.5	3.1	7.4	31	32	6.1	28	29	8.5
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	2.0	2.2	3.5	44	51	2.4	37	40	9.0
CHROMIUM UG/L	< 1	1	1	< 3	< 4	< 1	< 3	< 3	1
COBALT UG/L	< .50	< .40	< .50	< 3.0	< 4.0	< .80	< 3.0	< 3.0	< .80
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	540	4.0	3.0	6.0	25	230	8.0	10	1.0
CYANIDE MG/L	0	0	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	32	30	42	173	217	40	153	181	59
FLUORIDE MG/L	.10	.10	.10	.10	.10	0	.10	.10	.10
GALLIUM UG/L	< .30	< .10	< .20	< .40	< 1.0	< .40	< .80	< .80	< .30
GERMANIUM UG/L	< .50	< .50	< .70	< 4.0	< 5.0	< .80	< 4.0	< 4.0	< 1.0
HARDNESS TOTAL MG/L	15	11	22	101	104	22	93	97	30
HARDNESS NONCARB MG/L	12	8	16	37	32	12	32	33	16
IRON UG/L	200	150	50	280	25	2700	150	11	110
LEAD UG/L	2.0	.70	< .50	4.0	< 4.0	13	< 3.0	< 3.0	1.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	1.0	.90	.90	5.8	5.8	1.6	5.6	6.0	2.1
MANGANESE UG/L	6.0	60	6.0	220	3.0	40	180	6.0	15
MBAS MG/L	0	.02	.02	.05	.04	.03	.06	.04	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .30	< .20	< .30	< 2.0	< 3.0	< .40	< 2.0	< 2.0	< .50
NICKEL UG/L	2.0	2.0	4.0	< 4.0	< 5.0	3.0	< 4.0	< 4.0	2.0
NITRATE AS N MG/L	0	.03	.03	.60	.60	0	.50	.60	.20
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	.37	--	--	.49	--	--
NITROGEN NH4+ORG-N MG/L	.01	.47	0	.55	.10	.64	1.0	.16	.23
PH UNITS	6.4	6.0	6.5	7.5	7.6	6.0	7.6	7.9	7.0
PHENOLS UG/L	--	--	0	3.0	1.0	--	1.0	1.0	0
PHOSPHORUS AS P MG/L	.00	.00	0	.05	0	.04	.04	.00	.01
POTASSIUM MG/L	.20	.60	.30	1.9	2.0	.30	1.9	1.9	.60
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	0	0	0	1	2	2	0
SILICA MG/L	7.7	7.5	7.1	1.4	1.6	8.7	0	.80	8.9
SILVER UG/L	< .05	< .04	< .05	< .30	< .40	.10	< .30	< .30	< .04
SODIUM MG/L	2.3	1.7	1.6	24	40	2.7	19	26	5.5
SPECIFIC COND UMHOS	46	41	64	322	387	58	281	325	95
STRONTIUM UG/L	20	21	29	110	120	20	110	120	33
SULFATE MG/L	12	12	17	25	41	12	24	36	16
TIN UG/L	< .50	< .50	< .70	< 4.0	< 5.0	2.0	< 4.0	< 4.0	< 1.0
TITANIUM UG/L	3.0	.40	.90	8.0	< 5.0	< .80	2.0	< 2.0	6.0
VANADIUM UG/L	< .50	< .50	< .70	< 4.0	< 5.0	.80	< 4.0	< 4.0	< 1.0
ZINC UG/L	< 35	28	< 35	< 190	< 210	520	< 180	< 180	< 50
ZIRCONIUM UG/L	< 4.0	< 1.0	< 2.0	< 4.0	< 10	< 2.0	< 8.0	< 9.0	< 3.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ROCKLAND COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	411357074000201	SPRING VAL WATER CO STONY PT PL-CEDAR POND BK
	B	410644074040900	SUFFERN(V)-WELLS

SYSTEM(S) ON THIS PAGE..	A	B
TYPE OF WATER SAMPLED...	TREATED	DISTRBN
DATE.....	01/10/72	01/10/72
ALUMINUM UG/L	150	6.0
ARSENIC UG/L	2	5
BARIUM UG/L	14	12
BERYLLIUM UG/L	< .30	< 1.0
BICARBONATE MG/L	13	64
BISMUTH UG/L	< .90	< 4.0
BORON UG/L	4.0	47
CADMIUM UG/L	0	1
CALCIUM MG/L	10	37
CARBONATE MG/L	0	0
CHLORIDE MG/L	12	78
CHROMIUM UG/L	1	< 4
COBALT UG/L	< .40	< 4.0
COLIFORM COL/100 ML	--	--
COPPER UG/L	24	45
CYANIDE MG/L	0	0
DISS SOLIDS SUM MG/L	67	241
FLUORIDE MG/L	.10	.10
GALLIUM UG/L	< 3.0	< 1.0
GERMANIUM UG/L	< 2.0	< 5.0
HARDNESS TOTAL MG/L	34	138
HARDNESS NONCARB MG/L	23	85
IRON UG/L	13	10
LEAD UG/L	2.0	< 4.0
LITHIUM UG/L	< 10	< 10
MAGNESIUM MG/L	2.1	11
MANGANESE UG/L	13	540
MBAS MG/L	.03	.04
MERCURY UG/L	< .50	< .50
MOLYBDENUM UG/L	< .60	< 3.0
NICKEL UG/L	2.0	< 5.0
NITRATE AS N MG/L	.20	1.1
NITRITE AS N MG/L	--	--
NITROGEN NH4 AS N MG/L	--	--
NITROGEN NH4+ORG-N MG/L	.07	.02
PH UNITS	6.6	6.7
PHENOLS UG/L	0	0
PHOSPHORUS AS P MG/L	0	0
POTASSIUM MG/L	.60	1.5
RUBIDIUM UG/L	--	--
SELENIUM UG/L	1	2
SILICA MG/L	8.8	18
SILVER UG/L	< .10	< .40
SODIUM MG/L	8.4	29
SPECIFIC COND UMHOS	108	436
STRONTIUM UG/L	35	130
SULFATE MG/L	20	34
TIN UG/L	< 2.0	< 5.0
TITANIUM UG/L	1.0	< 3.0
VANADIUM UG/L	< 2.0	< 5.0
ZINC UG/L	< 55	< 230
ZIRCONIUM UG/L	< 3.0	< 11

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ST. LAWRENCE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	443221075054800	CANTON(V)-MCFADDEN BROOK RESERVOIR
B	443221075054801	CANTON(V)-MCFADDEN BROOK RESERVOIR
C	441335074353800	CONIFER(U)-SPRING
D	441930075150000	EDWARDS(V)-WELLS
E	441941075273500	GOUVERNEUR(V)-OSWEGATCHIE RIVER

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	E	F	G	H
TYPE OF WATER SAMPLED...	RAW	TREATED	DISTRBN	DISTRBN	RAW	RAW	RAW	RAW	RAW
DATE.....	09/04/71	09/04/71	08/09/72	07/31/73	12/04/70	07/14/71	10/13/71	01/19/72	04/05/72
ALUMINUM UG/L	50	190	87	46	160	130	170	340	330
ARSENIC UG/L	0	0	0	0	0	0	3	11	12
BARIUM UG/L	35	39	8.0	94	19	27	28	29	22
BERYLLIUM UG/L	< .70	< .80	< .60	< 2.0	< .10	< .30	< .30	< .30	< .20
BICARBONATE MG/L	134	132	24	225	19	30	34	24	19
BISMUTH UG/L	< 3.0	< 3.0	< 3.0	< 7.0	< .40	< .40	< 2.0	< 2.0	< .40
BORON UG/L	10	10	5.0	58	10	7.0	12	9.0	6.0
CADMIUM UG/L	0	0	0	1	0	0	0	0	0
CALCIUM MG/L	33	32	8.4	47	8.5	11	13	10	8.2
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	3.0	3.1	9.5	8.5	1.9	2.4	2.5	2.6	1.7
CHROMIUM UG/L	< 2	< 2	< 3	< 3	< 1	1	2	1	2
COBALT UG/L	< 2.0	< 2.0	< 2.0	< 3.0	1.0	< .60	< .60	< 2.0	< .40
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	1.0	70	68	300	50	60	110	120	130
CYANIDE MG/L	0	0	0	0	0	.01	0	0	0
DISS SOLIDS SUM MG/L	135	132	65	284	43	53	64	59	44
FLUORIDE MG/L	.10	.10	.40	.30	.20	.20	.20	.20	.10
GALLIUM UG/L	< .70	< .80	< 2.0	< 3.0	ND	< .60	< .60	< .30	< .40
GERMANIUM UG/L	< 4.0	< 4.0	< 3.0	< 7.0	< 4.0	< 2.0	< 2.0	< 2.0	< .90
HARDNESS TOTAL MG/L	124	121	24	220	24	38	42	34	24
HARDNESS NONCARB MG/L	14	13	7	36	13	14	14	15	12
IRON UG/L	140	600	170	6.0	280	930	440	500	580
LEAD UG/L	< 3.0	5.0	< 2.0	< 5.0	1.0	4.0	4.0	3.0	2.0
LITHIUM UG/L	< 10	< 10	< 10	0	.50	.70	< 10	< 10	< 10
MAGNESIUM MG/L	10	10	1.3	25	1.6	2.0	2.4	2.3	1.8
MANGANESE UG/L	15	80	7.0	9.0	48	70	59	79	66
MBAS MG/L	.02	.02	.05	0	.02	.04	.03	.03	.03
MERCURY UG/L	< .50	< .50	< .50	--	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .70	< .80	< .30	< 3.0	< .20	.70	.50	.50	< .20
NICKEL UG/L	< 3.0	3.0	< 2.0	< 3.0	2.0	4.0	4.0	4.0	2.0
NITRATE AS N MG/L	.40	.40	.40	.50	.40	.20	.20	.40	.40
NITRITE AS N MG/L	0	0	--	.00	.01	0	--	--	--
NITROGEN NH4 AS N MG/L	.03	.02	--	--	.17	.07	--	--	--
NITROGEN NH4+ORG-N MG/L	.25	.23	.25	.05	--	.19	.38	.32	.32
PH UNITS	8.1	8.0	6.9	7.8	7.0	7.5	7.3	7.1	6.8
PHENOLS UG/L	--	--	--	--	1.0	3.0	9.0	5.0	34
PHOSPHORUS AS P MG/L	.04	.02	.01	.02	.05	.01	.03	.04	.02
POTASSIUM MG/L	.80	.80	.20	3.2	.40	.70	1.1	.80	.70
RADIUM UG/L	--	--	--	--	.90	2.0	--	--	--
SELENIUM UG/L	1	2	2	2	1	3	3	2	0
SILICA MG/L	6.3	6.4	16	16	6.4	4.6	5.4	8.1	6.3
SILVER UG/L	< .30	< .30	< .30	< .70	< .04	.70	< .19	< .30	< .20
SODIUM MG/L	1.6	.20	7.8	6.5	1.7	2.3	2.4	2.4	1.6
SPECIFIC COND UMHOS	246	244	96	440	69	92	109	88	64
STRONTIUM UG/L	45	52	28	280	37	50	65	48	36
SULFATE MG/L	14	14	4.5	44	13	14	19	20	14
TIN UG/L	< 4.0	< 4.0	< 3.0	< 7.0	< .60	< 2.0	< 2.0	< 3.0	< .40
TITANIUM UG/L	5.0	11	2.0	< 5.0	2.0	8.0	12	31	25
VANADIUM UG/L	< 3.0	< 3.0	< .60	< 3.0	< .60	.80	< .60	.70	.50
ZINC UG/L	< 150	< 160	240	230	< 40	< 55	< 64	< 130	45
ZIRCONIUM UG/L	< 7.0	< 8.0	< 2.0	< 10	ND	< 2.0	< 3.0	< 3.0	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ST. LAWRENCE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	441941075273500	GOUVERNEUR(V)-OSWEGATCHIE RIVER
B	441941075273501	GOUVERNEUR(V)-OSWEGATCHIE RIVER

SYSTEM(S) ON THIS PAGE...	A	A	A	A	B	B	B	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	07/11/72	10/19/72	01/09/73	04/17/73	12/06/70	07/14/71	10/13/71	01/19/72	04/05/72
ALUMINUM UG/L	280	160	470	230	650	100	150	270	190
ARSENIC UG/L	1	10	10	0	0	0	0	0	2
BARIUM UG/L	46	20	42	27	19	23	26	23	18
BERYLLIUM UG/L	< .50	< .30	< .40	< .30	< .40	< .40	< .40	< .30	< .30
BICARBONATE MG/L	22	30	14	17	42	48	42	32	27
BISMUTH UG/L	< 3.0	< 2.0	< 2.0	< .90	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
BORON UG/L	11	10	18	9.0	9.0	4.0	6.0	7.0	6.0
CADMIUM UG/L	0	--	0	0	--	0	0	0	0
CALCIUM MG/L	8.9	13	9.2	9.2	12	10	14	10	8.4
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	1.1	2.6	2.0	1.3	2.7	4.1	3.8	3.3	2.8
CHROMIUM UG/L	1	< 2	2	< 1	< 2	< 1	< 2	< 2	1
COBALT UG/L	< 1.0	< 2.0	< 2.0	< 1.0	< 2.0	< .90	< .90	< 2.0	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	70	60	950	280	2.0	10	4.0	7.0	2.0
CYANIDE MG/L	.01	--	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	65	80	44	41	93	94	98	85	71
FLUORIDE MG/L	.20	.10	.10	.30	.90	1.1	1.0	1.2	.80
GALLIUM UG/L	< 1.0	< .60	< .60	< .50	< .80	< .90	< .90	< .30	< .60
GERMANIUM UG/L	< 3.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
HARDNESS TOTAL MG/L	30	43	30	29	36	42	45	34	29
HARDNESS NONCARB MG/L	12	19	18	15	2	2	10	8	7
IRON UG/L	1100	750	1400	340	25	35	50	43	15
LEAD UG/L	3.0	4.0	10	2.0	< 2.0	< .90	< 4.0	2.0	< .60
LITHIUM UG/L	< 10	< 10	< 10	--	.50	.70	< 10	< 10	< 10
MAGNESIUM MG/L	1.9	2.6	1.7	1.5	1.5	4.1	2.4	2.2	1.9
MANGANESE UG/L	100	37	110	70	33	28	31	47	39
MBAS MG/L	.03	.04	.02	.03	.02	.03	.02	.02	.01
MERCURY UG/L	< .50	--	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .50	< .60	.70	.30	< .40	.80	< .40	< .30	< .30
NICKEL UG/L	3.0	2.0	6.0	2.0	1.0	3.0	< 2.0	< 2.0	< 2.0
NITRATE AS N MG/L	.20	.20	.40	.40	.50	.20	.20	.30	.40
NITRITE AS N MG/L	--	--	--	--	.01	.01	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	.39	.98	--	--	--
NITROGEN NH4+ORG-N MG/L	.38	.58	.23	.48	--	.65	.26	.40	.24
PH UNITS	7.2	7.2	6.5	6.4	7.6	7.8	7.3	7.1	6.9
PHENOLS UG/L	--	--	--	--	0	0	2.0	3.0	4.0
PHOSPHORUS AS P MG/L	.02	.04	.01	.01	.03	.01	.02	.01	.00
POTASSIUM MG/L	.90	.90	.50	.50	.40	.90	1.1	.70	.80
RUBIDIUM UG/L	--	--	--	--	1.0	1.0	--	--	--
SELENIUM UG/L	0	2	10	1	8	2	8	2	0
SILICA MG/L	5.2	6.0	6.6	5.1	8.0	6.8	7.4	8.5	8.4
SILVER UG/L	< .20	< .20	< .20	< .10	< .08	< .10	< .20	< .30	< .30
SODIUM MG/L	1.7	2.3	1.8	1.6	18	16	14	14	11
SPECIFIC COND UMHOS	73	98	72	65	149	156	165	140	120
STRONTIUM UG/L	52	50	36	31	46	56	84	48	34
SULFATE MG/L	15	16	15	13	28	27	33	29	25
TIN UG/L	< 1.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0
TITANIUM UG/L	17	16	27	11	1.0	< .80	2.0	.90	2.0
VANADIUM UG/L	< .50	< 1.0	< 2.0	< 1.0	< 2.0	< .80	< .90	< .80	.60
ZINC UG/L	< 90	< 85	20	20	< 80	< 80	< 86	< 170	< 57
ZIRCONIUM UG/L	< 3.0	< 2.0	< 3.0	< 2.0	< 4.0	< 3.0	< 4.0	< 4.0	< 3.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ST. LAWRENCE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	441941075273501	GOUVERNEUR(V)-OSWEGATCHIE RIVER
B	443715075240000	HEUVELTON(V)-WELLS
C	444448075075100	MADRID WD-GRASS RIVER
D	444448075075101	MADRID WD-GRASS RIVER
E	445701074542500	MASSENA(V)-ST LAWRENCE RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	B	C	D	E	E
TYPE OF WATER SAMPLED..	TREATED	TREATED	TREATED	TREATED	DISTRBN	RAW	TREATED	RAW	RAW
DATE.....	07/11/72	10/19/72	01/09/73	04/17/73	07/31/73	12/08/70	12/08/70	12/07/70	07/15/71
ALUMINUM UG/L	63	100	440	570	10	110	48	17	140
ARSENIC UG/L	0	0	10	0	0	10	0	0	0
BARIUM UG/L	3.0	16	16	19	40	21	19	26	27
BERYLLIUM UG/L	< .10	< .30	< .50	< .40	< 3.0	< .20	< .50	< .40	< .40
BICARBONATE MG/L	44	40	28	36	269	42	32	112	111
BISMUTH UG/L	< .40	< 2.0	< 2.0	< 2.0	7.0	< .70	< 2.0	< 3.0	< 3.0
BORON UG/L	.80	< 6.0	6.0	7.0	12	10	8.0	15	17
CADMIUM UG/L	0	0	0	0	1	0	--	1	0
CALCIUM MG/L	6.3	13	9.2	7.7	76	15	29	40	38
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	3.1	3.9	3.8	3.2	9.5	2.3	8.1	28	27
CHROMIUM UG/L	< 1	< 2	< 2	< 2	< 3	< 1	< 2	6	< 2
COBALT UG/L	< .20	< 2.0	< 2.0	< 2.0	< 3.0	1.0	< 2.0	< 3.0	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	.40	2.0	3.0	6.0	60	2.0	3.0	15	35
CYANIDE MG/L	0	0	--	.02	.01	0	0	0	0
DISS SOLIDS SUM MG/L	86	87	77	85	285	67	116	172	164
FLUORIDE MG/L	.10	.80	.80	1.3	.20	0	0	.10	.20
GALLIUM UG/L	< .20	< .70	< .70	< .60	< 4.0	ND	< 1.0	< 2.0	< 2.0
GERMANIUM UG/L	< .40	< 2.0	< 2.0	< 2.0	< 7.0	< 1.0	< 2.0	< 4.0	< 4.0
HARDNESS TOTAL MG/L	28	43	30	26	260	53	89	129	125
HARDNESS NONCARB MG/L	0	10	7	0	39	10	63	37	34
IRON UG/L	32	50	34	24	68	190	12	16	200
LEAD UG/L	< .20	3.0	< 2.0	< 2.0	< 5.0	1.0	< 2.0	< 3.0	3.0
LITHIUM UG/L	< 10	< 10	< 10	--	0	.80	.60	2.0	2.0
MAGNESIUM MG/L	1.7	2.6	1.7	1.6	17	3.7	4.0	7.1	7.3
MANGANESE UG/L	6.0	25	32	31	9.0	23	4.0	2.0	19
MBAS MG/L	.04	.02	.03	.02	0	.04	.04	.02	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	--	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .10	< .70	< .70	< .40	< 3.0	< .30	< .50	1.0	2.0
NICKEL UG/L	.20	< 2.0	< 2.0	< 2.0	< 3.0	2.0	3.0	4.0	11
NITRATE AS N MG/L	.30	.20	.40	.40	.25	.40	.40	.20	.10
NITRITE AS N MG/L	--	--	--	--	.00	.01	0	0	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	.13	0	.01	.04
NITROGEN NH4+ORG-N MG/L	.06	.35	.34	.22	.02	--	--	--	.22
PH UNITS	8.1	7.7	7.5	7.0	7.5	7.3	7.3	6.0	8.1
PHENOLS UG/L	--	--	--	--	--	4.0	0	2.0	0
PHOSPHORUS AS P MG/L	.01	.01	.01	.01	.00	.05	.05	.05	.03
POTASSIUM MG/L	.40	.40	.50	.50	1.8	.50	.50	1.2	1.3
RUBIDIUM UG/L	--	--	--	--	--	1.0	.40	2.0	< 2.0
SELENIUM UG/L	0	4	0	1	1	4	4	0	5
SILICA MG/L	6.4	5.4	7.5	7.0	7.1	7.4	5.8	.50	.20
SILVER UG/L	< .04	< .20	< .20	< .20	< .70	< .07	< .10	< .20	< .20
SODIUM MG/L	10	12	13	10	6.5	1.8	1.8	12	12
SPECIFIC COND UMHOS	134	146	124	138	493	110	206	319	317
STRONTIUM UG/L	60	50	37	40	140	90	76	200	160
SULFATE MG/L	24	28	26	27	34	15	51	28	27
TIN UG/L	< .20	< 2.0	< 2.0	< 2.0	< 7.0	< 1.0	< 2.0	< 3.0	< 4.0
TITANIUM UG/L	.40	4.0	< 2.0	< 1.0	< 5.0	2.0	1.0	5.0	9.0
VANADIUM UG/L	.10	< 1.0	< 2.0	< 2.0	< 3.0	< 1.0	< 2.0	< 3.0	< 2.0
ZINC UG/L	< 17	< 100	< 100	--	380	< 65	< 45	< 170	< 180
ZIRCONIUM UG/L	< .40	< 3.0	< 4.0	< 3.0	< 11	ND	< 5.0	< 9.0	< 6.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ST. LAWRENCE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	445701074542500	MASSENA(V)-ST LAWRENCE RIVER
B	445701074542501	MASSENA(V)-ST LAWRENCE RIVER

SYSTEM(S) ON THIS PAGE	A	A	A	A	A	A	A	B	B
TYPE OF WATER SAMPLED	RAW	RAW	RAW	RAW	RAW	RAW	RAW	TREATED	TREATED
DATE	10/14/71	01/19/72	04/05/72	07/11/72	10/18/72	01/10/73	04/17/73	12/07/70	07/15/71
ALUMINUM UG/L	36	70	34	290	82	14	72	17	17
ARSENIC UG/L	2	2	6	0	2	10	0	0	0
BARIUM UG/L	30	31	29	33	29	24	25	27	30
BERYLLIUM UG/L	< 2.0	< .90	< .80	< 2.0	< .80	< 2.0	< .90	< .80	< .80
BICARBONATE MG/L	110	116	110	113	116	109	112	106	104
BISMUTH UG/L	< 4.0	< 4.0	< 4.0	< 8.0	< 4.0	< 4.0	< 4.0	< 3.0	< 3.0
BORON UG/L	22	20	15	16	18	8.0	12	17	17
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	40	41	40	41	41	41	41	40	40
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	27	27	27	26	28	27	24	28	29
CHROMIUM UG/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	5	< 2
COBALT UG/L	< 4.0	< 3.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 3.0	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	66	150	29	110	36	30	70	18	14
CYANIDE MG/L	0	0	0	0	0	--	.01	0	0
DISS SOLIDS SUM MG/L	170	176	173	171	175	172	169	170	167
FLUORIDE MG/L	.20	.20	.20	.20	.10	.80	.30	.10	.80
GALLIUM UG/L	< 4.0	< .90	< 4.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
GERMANIUM UG/L	< 9.0	< 4.0	< 9.0	< 8.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
HARDNESS TOTAL MG/L	128	135	133	134	136	135	133	129	130
HARDNESS NONCARB MG/L	38	40	43	42	46	45	41	41	43
IRON UG/L	86	41	56	380	75	10	98	23	47
LEAD UG/L	< 4.0	< 4.0	< 2.0	< 4.0	3.0	< 4.0	< 4.0	< 3.0	4.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	--	2.0	2.0
MAGNESIUM MG/L	8.4	8.0	8.1	7.6	8.1	7.9	7.5	7.1	7.4
MANGANESE UG/L	7.0	5.0	9.0	36	6.0	< 3.0	4.0	< 2.0	2.0
MBAS MG/L	.01	.02	.02	.02	.02	.02	.02	.02	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	2.0	1.0	2.0	< 2.0	< 2.0	< 2.0	1.0	1.0	2.0
NICKEL UG/L	< 4.0	15	< 4.0	4.0	< 4.0	< 4.0	< 4.0	3.0	6.0
NITRATE AS N MG/L	.10	.20	.30	.10	.08	.20	.20	.20	.10
NITRITE AS N MG/L	--	--	--	--	--	--	--	0	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	0	0
NITROGEN NH4+ORG-N MG/L	.30	.18	.21	.43	.33	.20	.25	--	.12
PH UNITS	8.0	8.0	7.7	8.3	8.3	7.8	7.8	7.9	7.8
PHENOLS UG/L	3.0	4.0	19	--	--	--	--	2.0	0
PHOSPHORUS AS P MG/L	.06	.03	.02	.03	.02	.02	.02	.06	.01
POTASSIUM MG/L	1.5	1.4	1.5	1.3	1.4	1.2	1.5	1.2	1.2
RUBIDIUM UG/L	--	--	--	--	--	--	--	2.0	< 2.0
SELENIUM UG/L	1	5	0	0	2	0	1	3	5
SILICA MG/L	.38	.40	.80	.30	.50	1.0	.20	.50	.50
SILVER UG/L	< .40	< .30	< .80	< .40	< .40	< .40	< .40	< .20	< .20
SODIUM MG/L	13	13	12	12	13	12	13	12	14
SPECIFIC COND UMHOS	314	324	321	325	316	323	313	321	319
STRONTIUM UG/L	200	210	180	190	170	150	--	200	160
SULFATE MG/L	27	28	29	27	29	27	26	26	22
TIN UG/L	< 4.0	< 4.0	< 9.0	< 4.0	< 4.0	< 4.0	< 4.0	< 3.0	< 4.0
TITANIUM UG/L	4.0	4.0	3.0	26	6.0	< 4.0	3.0	3.0	< 2.0
VANADIUM UG/L	< 2.0	< 3.0	< 4.0	< 2.0	< 3.0	< 4.0	< 4.0	< 3.0	< 2.0
ZINC UG/L	< 190	< 200	< 190	< 380	< 260	60	0	< 170	< 180
ZIRCONIUM UG/L	< 9.0	< 9.0	< 9.0	< 8.0	< 4.0	< 9.0	< 8.0	< 9.0	< 6.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ST. LAWRENCE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	445701074542501	MASSENA(V)-ST LAWRENCE RIVER
B	443459075384600	MORRISTOWN(V)-ST LAWRENCE RIVER
C	441242074592200	NEWTON FALLS-OSWEGATCHIE RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	B	C
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	DISTRBN	DISTRBN
DATE.....	10/14/71	01/19/72	04/05/72	07/11/72	10/18/72	01/10/73	04/17/73	10/31/72	09/05/72
ALUMINUM UG/L	12	8.0	10	16	31	41	15	20	110
ARSENIC UG/L	0	1	4	0	0	0	0	0	7
BARIUM UG/L	30	28	31	29	27	26	25	27	22
BERYLLIUM UG/L	< 2.0	< .80	< .90	< 2.0	< .80	< 2.0	< .90	< 2.0	< .20
BICARBONATE MG/L	106	112	104	111	104	113	106	111	3
BISMUTH UG/L	< 4.0	< 4.0	< 5.0	< 8.0	< 4.0	< 4.0	< .40	< 4.0	< .60
BORON UG/L	22	19	18	15	16	14	12	14	4.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	40	40	40	41	42	40	40	41	4.8
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	31	28	28	27	32	26	28	31	2.5
CHROMIUM UG/L	< 4	< 4	< 5	< 4	< 4	< 4	< 4	< 4	< 1
COBALT UG/L	< 4.0	< 3.0	< 5.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< .60
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	70	27	44	52	290	26	250	93	290
CYANIDE MG/L	0	0	0	.01	0	0	0	0	0
DISS SOLIDS SUM MG/L	173	174	172	173	178	172	170	180	26
FLUORIDE MG/L	.30	.20	1.1	.30	.70	.10	1.1	.20	2.0
GALLIUM UG/L	< 4.0	< .80	< 5.0	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< .30
GERMANIUM UG/L	< 4.0	< 4.0	< 10	< 8.0	< 4.0	< 4.0	< 4.0	< 4.0	< .60
HARDNESS TOTAL MG/L	129	133	133	134	139	132	130	135	15
HARDNESS NONCARB MG/L	46	41	48	43	53	39	43	44	13
IRON UG/L	23	69	37	67	55	56	86	190	660
LEAD UG/L	< 4.0	< 4.0	< 3.0	< 4.0	4.0	< 4.0	5.0	3.0	12
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	--	< 10	< 10
MAGNESIUM MG/L	7.0	8.1	8.0	7.8	8.2	7.8	7.4	7.9	.80
MANGANESE UG/L	< 2.0	< 2.0	6.0	< 4.0	2.0	6.0	< 2.0	3.0	61
MBAS MG/L	.01	.02	.03	.01	.02	.02	.02	.02	.05
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	1.0	1.0	< 2.0	< 2.0	< 2.0	1.0	< 2.0	< .30
NICKEL UG/L	6.0	< 3.0	< 5.0	3.0	6.0	< 4.0	6.0	< 4.0	1.0
NITRATE AS N MG/L	.10	.20	.30	.06	.06	.20	.10	.09	.20
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.22	.22	.20	.06	.32	.28	.05	.30	.34
PH UNITS	7.6	7.7	7.3	8.0	8.0	7.8	7.7	8.2	5.3
PHENOLS UG/L	0	2.8	45	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.02	.03	.02	.01	.01	.02	.01	.02	.01
POTASSIUM MG/L	1.6	1.4	1.5	1.3	1.4	1.3	1.4	1.4	.50
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	4	2	3	1	4	3	1	4	0
SILICA MG/L	.40	.40	1.4	.40	.80	.70	.60	.50	4.5
SILVER UG/L	< .40	< .30	< .90	< .00	< .40	< .40	< .40	< .40	< .04
SODIUM MG/L	13	13	12	12	11	13	12	14	.90
SPECIFIC COND UMHOS	318	326	323	328	321	320	315	327	46
STRONTIUM UG/L	200	190	180	190	170	170	--	180	20
SULFATE MG/L	27	28	29	29	29	27	27	29	8.5
TIN UG/L	< 4.0	< 4.0	< 10	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< .60
TITANIUM UG/L	< 2.0	< 3.0	< 3.0	< 4.0	3.0	< 4.0	< 3.0	3.0	2.0
VANADIUM UG/L	< 2.0	< 3.0	< 5.0	< 2.0	< 4.0	< 4.0	< 4.0	< 4.0	4.0
ZINC UG/L	< 130	< 170	< 210	< 380	< 260	< 270	--	430	25
ZIRCONIUM UG/L	< 9.0	< 8.0	< 10	< 8.0	< 6.0	< 9.0	< 6.0	< 9.0	< .80

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ST. LAWRENCE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	444434075000300	NORWOOD(V)-WELLS
B	444117075301100	OGDENSBURG(V)-ST LAWRENCE RIVER
C	444117075301101	OGDENSBURG(V)-ST LAWRENCE RIVER
D	443560074335200	PIERCEFIELD CO-OP ASSOCIATION-RAQUETTE RIVER
E	444010074591900	POTSDAM(V)-RAQUETTE RIVER
F	444010074591901	POTSDAM(V)-RAQUETTE RIVER
G	444924075030500	STAR LAKE WD-STAR LAKE
H	445350075006A00	TUCKER TERRACE WATER COMPANY-SULFUR WELL
I	445200075115101	WADDINGTON(V)-WELLS

SYSTEM(S) ON THIS PAGE...	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	DISTRBN	RAW	TREATED	DISTRBN	RAW	TREATED	DISTRBN	DISTRBN	RAW
DATE.....	08/06/71	12/14/70	12/14/70	07/13/72	08/04/71	08/04/71	08/04/71	11/28/72	12/07/70
ALUMINUM UG/L	11	12	13	100	120	36	36	6.0	13
ARSENIC UG/L	4	0	0	2	0	4	0	0	0
BARIUM UG/L	50	31	26	12	15	14	12	78	110
BERYLLIUM UG/L	< 2.0	< .90	< .90	< .10	< .20	< .20	< .10	< 4.0	< 2.0
BICARBONATE MG/L	230	115	112	9	14	14	11	341	280
BISMUTH UG/L	< 6.0	< 3.0	< 3.0	< .70	< .40	< .60	< .30	< 10	< 5.0
BORON UG/L	110	17	20	4.0	6.0	5.0	7.0	150	100
CADMIUM UG/L	0	0	--	0	0	0	0	0	0
CALCIUM MG/L	91	42	41	3.6	5.0	11	4.3	96	58
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	36	28	30	5.8	1.6	5.5	3.8	58	25
CHROMIUM UG/L	< 4	< 3	< 3	< 1	1	0	0	< 10	< 5
COBALT UG/L	< 4.0	< 3.0	< 3.0	2.0	< .30	< .40	< .20	< 10	< 5.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	11	4.0	11	320	1.0	2.0	7.0	4.0	2.0
CYANIDE MG/L	0	0	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	380	174	177	34	28	46	26	473	329
FLUORIDE MG/L	.50	.10	1.4	.10	.10	1.0	.10	.20	.50
GALLIUM UG/L	< 2.0	< 2.0	< 2.0	< .30	< .20	< .20	< .10	< 5.0	< 4.0
GERMANIUM UG/L	< 4.0	< 4.0	< 4.0	< .70	< .60	< .90	< .40	< 10	< 7.0
HARDNESS TOTAL MG/L	301	132	130	11	17	33	13	396	239
HARDNESS NONCARB MG/L	113	38	38	4	4	22	4	116	10
IRON UG/L	450	11	80	710	390	120	1000	430	48
LEAD UG/L	4.0	< 3.0	5.0	3.0	2.0	.80	2.0	< 10	< 5.0
LITHIUM UG/L	30	2.0	2.0	< 10	.20	.50	--	< 10	22
MAGNESIUM MG/L	10	6.7	6.7	.60	1.2	1.4	.50	38	23
MANGANESE UG/L	130	< 2.0	3.0	56	34	23	25	31	10
MBAS MG/L	.02	.03	.01	.04	.03	.05	.02	.04	.01
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	5.0	1.0	1.0	< .30	.10	< .20	< .10	< 5.0	< 2.0
NICKEL UG/L	< 6.0	< 2.0	3.0	1.0	.90	1.0	1.0	< 10	5.0
NITRATE AS N MG/L	.10	.20	.30	.20	.10	.10	0	.40	.10
NITRITE AS N MG/L	.03	.02	.01	--	0	0	0	--	0
NITROGEN NH4 AS N MG/L	.05	.19	.10	--	.05	.03	.02	--	.11
NITROGEN NH4+ORG-N MG/L	.12	--	--	.39	.56	.10	.28	.24	--
PH UNITS	8.0	7.9	8.0	6.6	7.0	6.9	7.2	8.1	8.1
PHENOLS UG/L	0	4.0	2.0	--	--	--	--	--	0
PHOSPHORUS AS P MG/L	.01	.06	.09	.01	.01	.01	.01	.03	.07
POTASSIUM MG/L	2.6	1.2	1.2	.30	.50	.40	.50	10	3.5
RUBIDIUM UG/L	--	1.0	1.0	--	.50	.70	--	--	5.0
SELENIUM UG/L	4	3	0	1	5	2	2	2	1
SILICA MG/L	7.4	.30	.70	4.2	4.0	4.6	.20	12	10
SILVER UG/L	< .50	< .20	< .20	.10	.05	< .06	< .10	< 1.0	< .40
SODIUM MG/L	21	12	12	4.4	1.2	1.4	3.4	18	28
SPECIFIC COND UMHOS	620	330	332	54	47	87	45	806	575
STRONTIUM UG/L	2100	200	220	18	20	27	13	930	1400
SULFATE MG/L	90	27	28	9.5	7.8	14	8.2	73	41
TIN UG/L	< 8.0	< 3.0	< 3.0	< .70	< .40	< .90	< .40	< 10	< 7.0
TITANIUM UG/L	< 8.0	2.0	3.0	2.0	4.0	2.0	.80	< 10	< 8.0
VANADIUM UG/L	< 9.0	< 3.0	< 3.0	< .30	< .40	< .60	< .20	< 10	< 5.0
ZINC UG/L	< 370	< 170	< 170	87	31	< 40	< 20	< 720	< 330
ZIRCONIUM UG/L	< 15	< 9.0	< 9.0	< 2.0	< 2.0	< 2.0	< .40	< 23	< 20

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ST. LAWRENCE COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	440801074552000	WANAKENA-OSWEGATCHIE RIVER
SYSTEM(S) ON THIS PAGE..	A		
TYPE OF WATER SAMPLED...	DISTRBN		
DATE.....	03/05/72		
ALUMINUM UG/L	20		
ARSENIC UG/L	0		
BARIUM UG/L	3.0		
BERYLLIUM UG/L	< .40		
BICARBONATE MG/L	30		
BISMUTH UG/L	< 2.0		
BORON UG/L	4.0		
CADMIUM UG/L	0		
CALCIUM MG/L	7.0		
CARBONATE MG/L	0		
CHLORIDE MG/L	2.0		
CHROMIUM UG/L	< 2		
COBALT UG/L	< 2.0		
COLIFORM COL/100 ML	--		
COPPER UG/L	50		
CYANIDE MG/L	.01		
DISS SOLIDS SUM MG/L	53		
FLUORIDE MG/L	.10		
GALLIUM UG/L	< .50		
GERMANIUM UG/L	< 2.0		
HARDNESS TOTAL MG/L	28		
HARDNESS NONCARB MG/L	3		
IRON UG/L	20		
LEAD UG/L	4.0		
LITHIUM UG/L	< 10		
MAGNESIUM MG/L	2.5		
MANGANESE UG/L	2.0		
MBAS MG/L	.05		
MERCURY UG/L	< .50		
MOLYBDENUM UG/L	< .50		
NICKEL UG/L	< .70		
NITRATE AS N MG/L	.70		
NITRITE AS N MG/L	--		
NITROGEN NH4 AS N MG/L	--		
NITROGEN NH4+ORG-N MG/L	.12		
PH UNITS	7.5		
PHENOLS UG/L	--		
PHOSPHORUS AS P MG/L	.02		
POTASSIUM MG/L	.40		
RUBIDIUM UG/L	--		
SELENIUM UG/L	0		
SILICA MG/L	10		
SILVER UG/L	< .07		
SODIUM MG/L	3.7		
SPECIFIC COND UMHOS	72		
STRONTIUM UG/L	12		
SULFATE MG/L	3.5		
TIN UG/L	< 2.0		
TITANIUM UG/L	< .70		
VANADIUM UG/L	< .70		
ZINC UG/L	100		
ZIRCONIUM UG/L	< 2.0		

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

SARATOGA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	430002073512100	BALLSTON SPA(V)-SPRING
B	425204073485000	CALICO COLONY-WELLS
C	425023073464600	CLIFTON GARDENS-WELL
D	425326073471500	CLIFTON KNOLLS SUBDIVISION-WELLS
E	425030073460000	COLONIAL GREEN-WELL
F	431431073500500	CORINTH(V)-WELLS
G	425100073470000	COUNTRY KNOLLS ESTATES-WELLS
H	424857073470500	CRESCENT ESTATES-WELL
I	430212073503500	HERITAGE KNOLLS-DEEP WELLS

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	DIST-BN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN
DATE.....	09/20/71	03/19/75	05/06/75	12/10/71	05/06/75	09/20/71	01/19/73	09/07/73	05/01/75
ALUMINUM UG/L	46	10	2.0	72	< 1.0	4.0	9.0	74	10
ARSENIC UG/L	3	0	0	0	1	1	0	0	2
BARIUM UG/L	2.0	140	13	16	200	2.0	330	150	30
BERYLLIUM UG/L	< .20	< .40	< .30	< 2.0	< .40	< .20	< 2.0	< 2.0	< .30
BICARBONATE MG/L	40	141	129	263	147	27	170	138	104
BISMUTH UG/L	< 2.0	< 2.0	< 1.0	< 8.0	< 1.0	< 2.0	< 5.0	< 4.0	< 1.0
BORON UG/L	6.0	60	23	30	13	5.0	68	12	8.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	11	50	41	87	46	9.5	29	39	31
CARBONATE MG/L	0	0	0	0	0	0	0	0	--
CHLORIDE MG/L	4.3	32	8.4	14	9.2	6.1	8.0	4.3	13
CHROMIUM UG/L	< 1	< 3	< 2	< 8	< 2	< 1	< 5	2	< 1
COBALT UG/L	< .60	< 2.0	< .50	< 8.0	< .70	< .70	< 5.0	< 4.0	< .50
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	9.0	6.0	10	9.0	10	32	< .90	56	2.0
CYANIDE MG/L	0	.01	.01	0	.01	0	0	.01	.01
DISS SOLIDS SUM MG/L	97	283	167	332	197	55	183	166	86
FLUORIDE MG/L	0	.20	.30	.28	.20	.10	.20	.40	.10
GALLIUM UG/L	< .30	< .80	< .50	< 2.0	< .60	< .30	< 2.0	< 2.0	< .50
GERMANIUM UG/L	< .90	< 2.0	< 2.0	< 16	< 2.0	< 1.0	< 5.0	< 4.0	< 1.0
HARDNESS TOTAL MG/L	40	187	135	283	156	37	106	134	109
HARDNESS NONCARB MG/L	7	71	29	67	35	15	0	20	23
IRON UG/L	38	50	60	30	100	47	78	80	30
LEAD UG/L	1.0	< 1.0	< 1.0	< 8.0	< 2.0	2.0	< 5.0	< 4.0	< 1.0
LITHIUM UG/L	< 10	16	1.0	< 10	7.0	< 10	50	10	2.0
MAGNESIUM MG/L	3.1	15	7.4	16	10	3.3	8.2	8.8	7.6
MANGANESE UG/L	3.0	62	46	150	64	1.0	20	22	10
MBAS MG/L	.01	0	0	.03	0	.01	0	.04	0
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .60	8.0	< .40	< 2.0	< .50	< .70	3.0	< 2.0	< .40
NICKEL UG/L	2.0	< 1.0	< 1.0	< 8.0	< 1.0	< 1.0	< 5.0	< 4.0	< .70
NITRATE AS N MG/L	.40	.02	.22	.50	0	.30	0	0	.08
NITRITE AS N MG/L	--	0	0	--	0	--	--	0	.01
NITROGEN NH4 AS N MG/L	--	--	--	.43	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.27	0	0	.36	.05	.22	.28	.02	0
PH UNITS	7.5	8.0	7.9	7.6	7.8	7.0	7.9	8.2	--
PHENOLS UG/L	0	--	--	3.0	--	0	--	--	--
PHOSPHORUS AS P MG/L	.01	.01	.02	.01	0	0	.02	.00	.03
POTASSIUM MG/L	.30	2.1	.50	3.0	.60	.50	1.0	.50	.50
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	1	0	2	0	0	0	0	0
SILICA MG/L	10	8.7	12	11	12	13	12	11	13
SILVER UG/L	< .06	< .20	< .20	< 2.0	< .20	< .07	< .50	0	< .20
SODIUM MG/L	2.2	21	6.3	7.1	6.5	2.2	29	6.5	5.2
SPECIFIC COND UMHOS	97	395	355	549	355	88	307	280	245
STRONTIUM UG/L	34	2100	92	300	200	25	550	160	140
SULFATE MG/L	6.0	85	26	53	40	7.2	12	26	15
TIN UG/L	< 2.0	< 2.0	< 1.0	< 8.0	< 2.0	< 2.0	< 5.0	< 4.0	< 1.0
TITANIUM UG/L	< .90	< 2.0	< .80	< 4.0	< 1.0	< 1.0	< 5.0	< 3.0	< .70
VANADIUM UG/L	.80	< 2.0	< .80	< 4.0	< 1.0	< .70	< 5.0	< 2.0	.00
ZINC UG/L	< 85	10	10	< 730	20	100	< 290	10	0
ZIRCONIUM UG/L	< 2.0	< 3.0	< 3.0	< 16	< 3.0	< 2.0	< 9.0	< 6.0	--

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

SARATOGA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	425524073432200	MECHANICVILLE(C)-BAKER & PLUM BROOKS
B	425524073432201	MECHANICVILLE(C)-BAKER & PLUM BROOKS

SYSTEM(S) ON THIS PAGE	A	A	A	A	A	B	B	B	B
TYPE OF WATER SAMPLED	RAW	RAW	RAW	RAW	RAW	TREATED	TREATED	TREATED	TREATED
DATE	08/11/71	06/14/74	10/02/74	12/27/74	03/17/75	08/11/71	06/14/74	10/02/74	12/27/74
ALUMINUM UG/L	90	170	160	150	550	120	200	900	500
ARSENIC UG/L	5	0	< 1	0	0	0	3	< 1	0
BARIUM UG/L	38	32	30	30	30	32	24	30	22
BERYLLIUM UG/L	< .80	< 1.0	< .30	< .40	< .30	< .80	< 1.0	< .30	< .80
BICARBONATE MG/L	160	150	132	133	106	149	130	104	112
BISMUTH UG/L	< 2.0	< 4.0	< 2.0	< 4.0	< 1.0	< 2.0	< 4.0	< 2.0	< 4.0
BORON UG/L	10	14	8.0	13	14	8.0	8.0	9.0	14
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	44	39	36	36	27	43	37	34	34
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	1.3	2.1	4.9	1.6	2.6	1.2	3.4	2.4	4.2
CHROMIUM UG/L	< 2	< 2	< 2	< 4	< 2	< 2	< 2	< 2	< 4
COBALT UG/L	< .40	< 4.0	< .60	< 3.0	< 1.0	< .40	< 4.0	< .60	< 3.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	6.0	< 1.0	2.0	2.0	1.0	4.0	1.0	4.0	2.0
CYANIDE MG/L	0	0	0	.01	0	0	0	0	.02
DISS SOLIDS SUM MG/L	173	162	149	153	127	177	156	150	151
FLUORIDE MG/L	.20	.20	.20	.20	.20	.28	.20	.10	.20
GALLIUM UG/L	< .80	< 1.0	< .60	< 2.0	< .50	< .80	< 1.0	< .60	< 2.0
GERMANIUM UG/L	< 4.0	< 4.0	< 2.0	< 4.0	< 1.0	< 4.0	< 4.0	< 2.0	< 4.0
HARDNESS TOTAL MG/L	155	143	128	131	102	149	134	123	124
HARDNESS NONCARB MG/L	24	20	20	22	15	26	27	37	33
IRON UG/L	240	350	340	340	960	30	42	200	100
LEAD UG/L	< 4.0	< 2.0	< 2.0	< 4.0	1.0	< 4.0	< 2.0	2.0	< 4.0
LITHIUM UG/L	< 10	3.0	< .20	3.0	2.8	< 10	3.0	2.0	2.0
MAGNESIUM MG/L	11	11	9.2	10	8.5	10	10	9.2	9.6
MANGANESE UG/L	61	120	62	60	82	5.0	8.0	24	19
MBAS MG/L	.04	.04	.02	0	0	.03	.01	.02	0
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 2.0	.30	< 2.0	.30	< 2.0	< 2.0	.30	< 2.0
NICKEL UG/L	6.0	< 4.0	< .60	< 4.0	1.0	< 4.0	< 4.0	< .60	< 4.0
NITRATE AS N MG/L	0	.03	.05	.12	.21	0	.07	.07	.11
NITRITE AS N MG/L	0	.02	0	0	.01	0	.01	0	.01
NITROGEN NH4 AS N MG/L	.12	--	--	--	--	.08	--	--	--
NITROGEN NH4+ORG-N MG/L	.23	.26	.17	.18	.20	.19	.03	.11	.15
PH UNITS	8.1	8.5	7.9	7.6	7.9	7.6	7.3	7.1	7.0
PHENOLS UG/L	0	--	--	--	--	0	--	--	--
PHOSPHORUS AS P MG/L	.02	.02	.03	.02	.03	.01	0	.01	.01
POTASSIUM MG/L	.90	.60	1.0	.80	.90	.80	.60	1.0	.80
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	3	2	< 2	0	0	5	2	2	0
SILICA MG/L	8.3	9.1	9.0	9.0	8.6	7.7	8.0	8.3	8.3
SILVER UG/L	< 4.0	< .40	< .20	< .40	< .10	< 4.0	< .40	< .20	< .40
SODIUM MG/L	4.2	4.0	2.5	3.8	3.0	4.6	3.8	2.6	3.5
SPECIFIC COND UMHOS	297	260	280	300	240	300	260	280	280
STRONTIUM UG/L	170	140	140	140	120	140	150	130	130
SULFATE MG/L	24	22	21	26	24	36	31	41	37
TIN UG/L	< 4.0	< 4.0	< 2.0	< 4.0	< 1.0	< 4.0	< 4.0	10	3.0
TITANIUM UG/L	6.0	7.0	5.0	5.0	10	4.0	< 4.0	1.0	< 2.0
VANADIUM UG/L	< 2.0	< 2.0	< .60	< 2.0	< .10	< 2.0	< 2.0		
ZINC UG/L	< 400	0	70	0	20	< 380	10	14	10
ZIRCONIUM UG/L	< 4.0	< 6.0	< 2.0	< 6.0	< 2.0	< 4.0	< 6.0	< 2.0	< 6.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

SARATOGA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	425524073432201	MECHANICVILLE(C)-BAKER & PLUM BROOKS
B	431607073394401	MOREAU W#2-WELL
C	431607073394400	MOREAU W#2-WELL
D	425613073474200	ROUND LAKE-ROUND LAKE
E	430523073461300	SARATOGA SPRINGS(C)-LOUGHBERRY LAKE

SYSTEM(S) ON THIS PAGE...	A	B	B	C	C	D	E	E	E
TYPE OF WATER SAMPLED...	TREATED	RAW	RAW	TREATED	TREATED	DISTRBN	RAW	RAW	RAW
DATE.....	03/17/75	09/10/73	01/29/75	09/10/73	01/29/75	01/14/73	09/20/71	06/15/73	09/17/73
ALUMINUM UG/L	440	60	60	40	50	660	13	20	80
ARSENIC UG/L	1	0	0	0	0	0	5	0	0
BARIUM UG/L	10	10	40	< 10	20	14	11	10	15
BERYLLIUM UG/L	< .20	0	< .20	< 20	< .20	< 20	< .30	< 10	< 20
BICARBONATE MG/L	82	66	44	134	88	127	100	107	110
BISMUTH UG/L	< .80	< 30	< 40	< 40	< .70	< 40	< 30	< 40	< 40
BORON UG/L	11	37	30	33	22	11	10	13	15
CADMIUM UG/L	0	0	0	0	1	0	0	0	0
CALCIUM MG/L	20	17	13	21	14	44	30	36	36
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	4.3	17	6.5	25	14	11	9.6	10	15
CHROMIUM UG/L	< 2	< 1	< 1	2	< 1	< 4	< 2	< 1	< 2
COBALT UG/L	< .80	3.0	.80	< 4.0	< .50	< 4.0	< 2.0	< 2.0	< 4.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	3.0	3.0	.50	17	14	15	310	40	570
CYANIDE MG/L	0	0	.01	0	0	0	0	.01	.01
DISS SOLIDS SUM MG/L	132	101	77	175	126	166	122	133	147
FLUORIDE MG/L	.20	.30	.10	.50	.30	.10	.10	.20	.20
GALLIUM UG/L	< .40	< 1.0	.20	< 2.0	< .20	< 2.0	< .60	< 2.0	< 2.0
GERMANIUM UG/L	< .80	< 3.0	< .60	< 4.0	< 1.0	< 4.0	< 2.0	< 4.0	< 4.0
HARDNESS TOTAL MG/L	100	54	43	66	44	142	97	113	115
HARDNESS NONCARB MG/L	33	0	7	0	0	38	15	25	25
IRON UG/L	100	9300	4000	55	23	760	650	100	1900
LEAD UG/L	< .50	< 3.0	< .50	< 4.0	< 1.0	< 4.0	< 2.0	< 4.0	7.0
LITHIUM UG/L	1.0	0	< .40	0	.80	< 10	< 10	0	0
MAGNESIUM MG/L	7.3	6.9	2.6	3.2	2.5	7.8	5.3	3.5	6.1
MANGANESE UG/L	21	680	330	35	5.0	40	84	44	390
MBAS MG/L	0	.05	0	.04	0	.01	.02	.04	.01
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .20	< .50	< .50	< .50
MOLYBDENUM UG/L	< .20	< 2.0	.50	< 2.0	< .20	< 2.0	< 2.0	< 1.0	< 2.0
NICKEL UG/L	< .50	< 3.0	< .40	< 4.0	< .70	< 4.0	3.0	< 2.0	< 4.0
NITRATE AS N MG/L	.14	.00	.03	.06	.06	1.3	.20	.30	.12
NITRITE AS N MG/L	0	.01	0	.01	0	--	--	0	.01
NITROGEN NH4 AS N MG/L	--	.60	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.09	.98	.28	.54	.13	.14	.52	.32	.44
PH UNITS	6.9	6.8	6.6	8.0	8.7	8.1	7.6	7.8	7.4
PHENOLS UG/L	--	--	--	--	--	--	3.0	--	--
PHOSPHORUS AS P MG/L	.01	.04	.03	.00	.01	.04	.03	.02	.08
POTASSIUM MG/L	.80	1.6	.60	3.0	.80	.40	.50	.60	1.0
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	0	0	0	0	0	2	1	0
SILICA MG/L	8.3	15	12	16	12	10	6.3	5.2	11
SILVER UG/L	< .10	0	< .10	0	< .10	< .40	< .20	< .40	0
SODIUM MG/L	6.2	10	6.1	37	28	4.3	5.6	5.6	6.9
SPECIFIC COND UMHOS	230	169	138	297	214	240	215	232	254
STRONTIUM UG/L	88	85	75	92	75	99	83	84	110
SULFATE MG/L	40	3.6	14	3.2	13	25	15	17	16
TIN UG/L	< 1.0	< 3.0	< .60	< 4.0	< 1.0	< 4.0	< 3.0	< 4.0	< 4.0
TITANIUM UG/L	< .0	< 2.0	< .40	< 3.0	< .70	23	< 2.0	< 3.0	4.0
VANADIUM UG/L	< .80	< 2.0	< .40	< 2.0	< .70	< 4.0	< 2.0	< 2.0	< 2.0
ZINC UG/L	10	20	20	40	20	520	< 140	0	20
ZIRCONIUM UG/L	< 2.0	< 4.0	< 1.0	< 6.0	< 2.0	< 4.0	< 4.0	< 3.0	< 6.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

SARATOGA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	430523073461300	SARATOGA SPRINGS(C)-LOUGHBERRY LAKE
B	430523073461301	SARATOGA SPRINGS(C)-LOUGHBERRY LAKE

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	B	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	TREATED	TREATED	TREATED
DATE.....	12/13/73	03/04/74	06/13/74	10/02/74	12/27/74	03/17/75	09/20/71	06/15/73	09/17/73
ALUMINUM UG/L	22	30	17	18	14	20	60	140	150
ARSENIC UG/L	1	0	0	< 1	0	0	4	0	0
BARIUM UG/L	11	13	10	15	14	14	14	10	11
BERYLLIUM UG/L	< .80	< .80	< 1.0	< .30	< .70	< .30	< .30	< 1.0	< 2.0
BICARBONATE MG/L	115	110	96	104	116	117	95	84	107
BISMUTH UG/L	< 4.0	< 4.0	< 3.0	< 1.0	< 4.0	< 1.0	< 3.0	< 4.0	< 4.0
BORON UG/L	11	19	7.0	14	20	18	15	10	11
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	34	35	31	35	35	34	31	35	36
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	14	13	9.9	13	10	12	12	11	16
CHROMIUM UG/L	< 2	< 2	< 2	< 1	< 4	< 2	< 2	< 1	< 2
COBALT UG/L	< 3.0	< 4.0	< 3.0	< .50	< 3.0	< 1.0	< 2.0	< 2.0	< 4.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	430	90	30	18	15	5.0	35	5.0	2.0
CYANIDE MG/L	0	0	0	.01	.02	0	0	.01	0
DISS SOLIDS SUM MG/L	143	140	118	136	142	146	123	131	159
FLUORIDE MG/L	.40	.10	.20	.10	.10	.20	.10	1.1	1.4
GALLIUM UG/L	< 1.0	< 2.0	< .70	< .50	< 2.0	< .50	< .70	< 2.0	< 2.0
GERMANIUM UG/L	< 4.0	< 4.0	< 3.0	< 1.0	< 4.0	< 1.0	< 2.0	< 4.0	< 4.0
HARDNESS TOTAL MG/L	119	112	100	112	113	112	99	110	115
HARDNESS NONCARB MG/L	25	21	21	26	16	16	21	41	27
IRON UG/L	150	130	160	290	110	130	100	7.0	65
LEAD UG/L	< 4.0	< 3.0	< 2.0	< 1.0	< 4.0	< .50	< 2.0	< 4.0	< 4.0
LITHIUM UG/L	0	0	.60	< .70	.80	< .70	< 10	0	0
MAGNESIUM MG/L	8.4	5.9	5.4	5.9	6.2	6.5	5.3	5.5	6.1
MANGANESE UG/L	23	66	38	90	25	27	35	6.0	10
MBAS MG/L	.01	.02	.03	.02	0	0	.02	.01	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	.50	< .50	< .50	3.8
MOLYBDENUM UG/L	< .80	< 2.0	< 2.0	< .30	< 2.0	< .20	< 2.0	< 1.0	< 2.0
NICKEL UG/L	< 4.0	< 3.0	< 3.0	< .50	< 4.0	< .50	< 2.0	< 2.0	< 4.0
NITRATE AS N MG/L	.45	.70	.24	.16	.44	.71	.10	.30	.12
NITRITE AS N MG/L	.01	.01	.02	0	.01	.01	--	0	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.11	0	.39	.19	.21	.22	.38	.23	.05
PH UNITS	7.7	7.3	8.2	7.4	6.7	7.3	7.4	6.9	7.9
PHENOLS UG/L	--	--	--	--	--	--	1.0	--	--
PHOSPHORUS AS P MG/L	.01	.02	.02	.03	.01	.01	.02	.00	.01
POTASSIUM MG/L	.80	.80	.60	.40	.80	.70	.50	.60	.80
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	1	2	< 2	0	0	0	1	1
SILICA MG/L	5.2	6.4	2.8	7.8	6.4	8.3	6.2	5.3	11
SILVER UG/L	< .40	< .40	< .30	< .10	< .40	< .10	< .20	< .40	0
SODIUM MG/L	7.5	6.0	6.0	6.9	6.5	6.8	5.6	6.0	11
SPECIFIC COND UMHOS	260	249	225	245	275	275	225	242	279
STRONTIUM UG/L	110	130	90	110	120	110	110	85	110
SULFATE MG/L	16	18	15	16	19	19	15	25	24
TIN UG/L	< 4.0	< 4.0	< 3.0	< 1.0	< 4.0	< 1.0	< 3.0	< 4.0	< 4.0
TITANIUM UG/L	< 2.0	< 2.0	< 3.0	.70	< 2.0	2.0	< 2.0	< 3.0	< 3.0
VANADIUM UG/L	< 2.0	< 2.0	< 2.0	< .50	< 2.0	< 1.0	< 2.0	< 2.0	< 2.0
ZINC UG/L	10	60	20	20	0	0	< 210	20	20
ZIRCONIUM UG/L	< 4.0	< 6.0	< 5.0	< 2.0	< 5.0	< 2.0	< 5.0	< 5.0	< 6.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

SARATOGA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	430523073461301	SARATOGA SPRINGS(C)-LOUGHBERRY LAKE
B	430628073344400	SCHUYLERVILLE(V)-SPRINGFED RESERVOIR
C	431729073382700	SOUTH GLENS FALLS(V)-SPRINGS
D	425636073381501	STILLWATER(V)-FOUR DEEP WELLS

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	B	C	D
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	DISTRBN	DISTRBN	RAW
DATE.....	12/13/73	03/04/74	06/13/74	10/02/74	12/27/74	03/17/75	11/03/71	09/21/71	09/10/73
ALUMINUM UG/L	35	40	100	80	37	40	8.0	28	50
ARSENIC UG/L	< 1	< 1	0	1	0	0	0	1	0
BARIUM UG/L	10	13	7.0	15	12	13	29	12	50
BERYLLIUM UG/L	< .80	< .80	< .90	< .30	< .70	< .30	< 1.0	< .30	0
BICARBONATE MG/L	106	99	80	90	97	104	137	36	73
BISMUTH UG/L	< 4.0	< 4.0	< 3.0	< 1.0	< 4.0	< 1.0	< 3.0	< 3.0	< 3.0
BORON UG/L	11	14	4.0	12	14	15	6.0	33	11
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	35	36	30	35	34	35	39	23	19
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	14	14	12	13	12	14	11	28	4.0
CHROMIUM UG/L	< 2	< 2	< 2	< 1	< 4	< 2	< 4	< 2	1
COBALT UG/L	< 3.0	< 4.0	< 3.0	< .30	< 3.0	< 1.0	< 3.0	< 2.0	< 3.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	5.0	5.0	4.0	10	8.0	3.0	15	26	14
CYANIDE MG/L	.01	0	0	.01	.02	0	0	0	0
DISS SOLIDS SUM MG/L	151	145	124	140	145	151	164	135	96
FLUORIDE MG/L	.30	1.0	1.1	.80	.90	1.0	.10	.10	.30
GALLIUM UG/L	< 1.0	< 2.0	< .70	< .50	< 2.0	< .50	< 1.0	< .60	< 1.0
GERMANIUM UG/L	< 4.0	< 4.0	< 3.0	< 1.0	< 4.0	< 1.0	< 4.0	< 2.0	< 3.0
HARDNESS TOTAL MG/L	120	114	97	111	110	114	151	76	67
HARDNESS NONCARB MG/L	33	33	31	37	31	28	39	47	7
IRON UG/L	< 2.0	10	4.0	12	7.0	20	16	39	3800
LEAD UG/L	< 4.0	< 3.0	< 2.0	< 1.0	< 4.0	< .50	< 3.0	< 2.0	< 3.0
LITHIUM UG/L	0	0	.70	< .70	1.0	.70	< 10	< 10	10
MAGNESIUM MG/L	7.9	5.9	5.3	5.8	6.2	6.4	13	4.6	4.7
MANGANESE UG/L	< 2.0	4.0	< 2.0	50	< 3.0	< .50	7.0	2.0	610
MBAS MG/L	.02	.02	.02	.02	0	0	.05	.04	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .80	< 2.0	< 2.0	< .30	< 2.0	< .30	< 1.0	< 2.0	< 1.0
NICKEL UG/L	< 4.0	< 3.0	< 3.0	< .30	< 4.0	< .50	2.0	< 2.0	< 3.0
NITRATE AS N MG/L	.45	.71	.24	.16	.59	.74	3.0	3.4	.17
NITRITE AS N MG/L	.00	.01	.01	0	.01	0	--	--	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.16	0	.07	.08	.06	0	.10	0	.38
PH UNITS	7.6	7.1	7.7	7.3	6.8	7.1	7.9	7.0	6.7
PHENOLS UG/L	--	--	--	--	--	--	3.0	0	--
PHOSPHORUS AS P MG/L	.00	0	0	0	.01	.01	0	0	.05
POTASSIUM MG/L	.80	.80	.60	.40	.70	.70	.50	.50	.80
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	1	3	< 2	0	0	5	0	0
SILICA MG/L	4.9	6.5	3.4	8.0	6.5	8.3	8.3	13	12
SILVER UG/L	< .40	< .40	< .30	< .10	< .40	< .10	< .30	< .20	0
SODIUM MG/L	10	6.4	7.0	6.5	6.7	7.0	4.1	14	5.2
SPECIFIC COND UMHOS	280	254	200	260	270	280	310	249	162
STRONTIUM UG/L	110	120	80	120	120	110	83	96	85
SULFATE MG/L	26	25	25	26	30	27	18	31	14
TIN UG/L	< 4.0	< 4.0	< 3.0	< 1.0	< 4.0	< 1.0	< 4.0	< 3.0	< 3.0
TITANIUM UG/L	< 2.0	< 2.0	< 3.0	.90	< 2.0	< .70	< 3.0	< 2.0	< 2.0
VANADIUM UG/L	< 2.0	< 2.0	< 2.0	< .50	< 2.0	< 1.0	< 4.0	< 2.0	2.0
ZINC UG/L	30	60	20	30	30	20	< 200	< 200	60
ZIRCONIUM UG/L	< 4.0	< 6.0	< 5.0	< 2.0	< 5.0	< 2.0	< 10	< 4.0	< 4.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

SARATOGA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	425636073381501	STILLWATER(V)-FOUR DEEP WELLS
B	425636073381500	STILLWATER(V)-FOUR DEEP WELLS
C	430516073353600	VICTORY MILLS(V)-WELL
D	424741073403000	WATERFORD #D-HUDSON RIVER

SYSTEM(S) ON THIS PAGE..	A	B	B	C	D	D	D	D	D
TYPE OF WATER SAMPLED...	RAW	TREATED	TREATED	DISTRIB	RAW	RAW	RAW	RAW	RAW
DATE.....	03/17/75	09/10/73	03/17/75	01/29/75	08/11/71	05/15/73	05/31/73	06/11/73	06/27/73
ALUMINUM UG/L	35	28	30	10	480	340	250	170	240
ARSENIC UG/L	0	0	2	2	10	0	0	0	0
BARIUM UG/L	44	50	46	440	70	20	16	21	26
BERYLLIUM UG/L	< .20	0	< .20	< .40	< .30	< .50	< .30	< .50	< .60
BICARBONATE MG/L	65	73	73	217	28	40	31	35	41
BISMUTH UG/L	< .60	< 3.0	< .70	< 2.0	< .90	< 2.0	< 1.0	< 2.0	< 2.0
BORON UG/L	20	11	15	71	10	12	3.0	6.0	10
CADMIUM UG/L	0	0	0	0	0	0	0	< 4	1
CALCIUM MG/L	16	20	19	49	12	15	12	14	15
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	5.6	5.5	8.3	15	7.7	5.3	4.5	8.3	7.9
CHROMIUM UG/L	< 1	1	< 1	< 2	35	3	2	2	4
COBALT UG/L	< .60	< 3.0	< .70	< 1.0	< .60	< 2.0	.50	< 1.0	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	27	180	90	5.0	50	12	15	8.0	5.0
CYANIDE MG/L	0	0	0	0	0	0	0	.01	.01
DISS SOLIDS SUM MG/L	98	99	104	236	61	65	54	64	85
FLUORIDE MG/L	.20	.30	.30	.30	.10	.20	.10	.30	.20
GALLIUM UG/L	< .30	< 1.0	< .40	< .40	< .30	< .80	< .60	< .80	< .90
GERMANIUM UG/L	< 1.0	< 3.0	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
HARDNESS TOTAL MG/L	59	71	72	172	41	49	39	46	50
HARDNESS NONCARB MG/L	0	11	12	0	18	16	14	17	18
IRON UG/L	1400	2200	2500	5800	780	610	360	480	510
LEAD UG/L	.30	< 3.0	.50	2.0	45	5.0	4.0	5.0	7.0
LITHIUM UG/L	6.0	10	5.0	22	1.0	0	0	0	0
MAGNESIUM MG/L	4.6	5.1	6.0	12	2.6	2.8	2.3	2.6	3.0
MANGANESE UG/L	430	670	380	640	80	42	33	60	68
MBAS MG/L	0	0	0	0	.02	.05	.04	.03	.05
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	1.0	< 1.0	.50	< .40	2.0	< .80	.60	.80	1.0
NICKEL UG/L	.60	< 3.0	.50	< 2.0	4.0	3.0	1.0	< 2.0	2.0
NITRATE AS N MG/L	.08	.31	.20	.02	.30	.40	.41	.47	.37
NITRITE AS N MG/L	.01	.04	.02	.01	.01	--	.01	.03	.03
NITROGEN NH4 AS N MG/L	--	--	--	--	.16	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.35	.20	.25	.78	.57	.41	.26	.41	.33
PH UNITS	6.4	7.4	6.8	7.2	7.0	7.4	7.3	7.0	7.7
PHENOLS UG/L	--	--	--	--	3.0	--	--	--	--
PHOSPHORUS AS P MG/L	.08	.04	.04	.38	.04	.03	.02	.02	.03
POTASSIUM MG/L	.80	.80	.70	1.7	.60	.50	.40	.40	.60
RUBIDIUM UG/L	--	--	--	--	1.0	--	--	--	--
SELENIUM UG/L	0	0	0	0	5	2	2	2	0
SILICA MG/L	11	12	13	16	4.1	4.6	4.7	4.3	4.3
SILVER UG/L	< .10	0	< .10	< .20	< .10	< .20	< .30	< .20	< .20
SODIUM MG/L	4.6	5.1	4.8	18	4.8	3.4	3.1	4.1	4.6
SPECIFIC COND UMHOS	150	166	160	448	113	103	91	116	122
STRONTIUM UG/L	83	75	80	920	47	44	32	41	38
SULFATE MG/L	15	14	16	17	15	13	11	12	9.0
TIN UG/L	< .70	< 3.0	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TITANIUM UG/L	4.0	< 2.0	3.0	< 2.0	20	32	15	2.0	7.0
VANADIUM UG/L	2.0	< 1.0	.80	< 2.0	3.0	< 2.0	.50	< 2.0	1.0
ZINC UG/L	10	20	10	90	< 65	10	0	0	0
ZIRCONIUM UG/L	< 4.0	< 4.0	< 1.0	< 3.0	< 3.0	< 4.0	< 2.0	< 3.0	< 3.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

SARATOGA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	424741073403000	WATERFORD #D-HUDSON RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	07/10/73	07/25/73	08/09/73	08/22/73	09/04/73	09/17/73	10/01/73	10/19/73	11/01/73
ALUMINUM UG/L	400	440	150	130	150	260	320	150	280
ARSENIC UG/L	0	0	10	0	0	0	0	< 1	1
BARIUM UG/L	26	23	34	26	30	30	27	24	25
BERYLLIUM UG/L	< .70	< .70	0	0	0	0	0	< .60	< .50
BICARBONATE MG/L	50	49	36	41	42	29	31	30	42
BISMUTH UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 3.0
BORON UG/L	8.0	9.0	6.0	10	10	8.0	15	10	32
CADMIUM UG/L	0	0	0	0	0	0	0	0	1
CALCIUM MG/L	16	16	15	16	15	14	14	13	16
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	7.1	6.5	10	9.6	9.1	10	10	10	14
CHROMIUM UG/L	3	4	3	< 2	3	4	4	4	9
COBALT UG/L	< 2.0	< .90	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	3.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	10	180	22	18	11	14	4.0	17	20
CYANIDE MG/L	.01	.01	.01	.02	.02	0	0	.01	.01
DISS SOLIDS SUM MG/L	71	77	69	79	71	69	72	68	87
FLUORIDE MG/L	.20	.20	.20	.30	.40	.30	.50	.30	.20
GALLIUM UG/L	< 1.0	< .90	0	< 1.0	0	0	0	< .90	< 1.0
GERMANIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
HARDNESS TOTAL MG/L	55	55	49	54	51	46	48	48	58
HARDNESS NONCARB MG/L	14	15	20	20	17	23	22	23	23
IRON UG/L	620	590	500	300	240	440	520	400	450
LEAD UG/L	6.0	12	5.0	4.0	3.0	8.0	5.0	4.0	6.0
LITHIUM UG/L	0	0	0	0	0	0	0	0	0
MAGNESIUM MG/L	3.6	3.7	2.9	3.3	3.4	2.8	3.1	3.7	4.3
MANGANESE UG/L	82	60	64	48	66	72	82	52	56
MBAS MG/L	.02	.03	.05	.01	0	.01	.03	.03	.01
MERCURY UG/L	.70	1.0	< .50	.80	.90	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .70	1.0	1.0	2.0	3.0	2.0	2.0	2.0	2.0
NICKEL UG/L	2.0	1.0	2.0	2.0	< 2.0	3.0	2.0	< 2.0	6.0
NITRATE AS N MG/L	.45	.70	.69	.44	.53	.49	.69	.42	.46
NITRITE AS N MG/L	.00	.00	.01	.02	.02	.02	.00	.02	.02
NITROGEN NH4 AS N MG/L	--	--	--	--	--	.48	--	--	--
NITROGEN NH4-ORG-N MG/L	.40	.40	.44	.46	.46	.48	.45	.50	.48
PH UNITS	7.5	7.2	7.0	7.0	7.0	6.8	7.0	7.5	7.5
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.04	.04	.02	.03	.02	.03	.05	.02	.04
POTASSIUM MG/L	.60	.60	.60	1.4	.80	.90	.60	1.1	1.1
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	3	3	2	--	1	0	1	0
SILICA MG/L	4.8	3.4	3.8	3.8	3.1	4.0	4.8	3.8	3.0
SILVER UG/L	< .20	< .20	0	0	0	0	0	< .30	< .40
SODIUM MG/L	4.0	5.2	5.0	6.6	5.9	5.3	5.7	4.5	9.0
SPECIFIC CND UMHOS	129	136	126	141	133	130	132	133	166
STRONTIUM UG/L	50	42	48	45	52	50	56	46	60
SULFATE MG/L	9.5	17	13	17	13	16	17	16	14
TIN UG/L	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TITANIUM UG/L	21	30	9.0	5.0	< 2.0	13	21	9.0	10
VANADIUM UG/L	2.0	1.0	1.0	2.0	1.0	2.0	1.0	< 1.0	5.0
ZINC UG/L	10	30	20	20	50	50	20	30	50
ZIRCONIUM UG/L	< 3.0	< 3.0	< 4.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 4.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

SARATOGA COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	424741073403000	WATERFORD WD-HUDSON RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	11/16/73	11/28/73	12/13/73	12/28/73	01/10/74	01/24/74	02/07/74	02/19/74	03/08/74
ALUMINUM UG/L	260	280	400	--	170	480	460	200	550
ARSENIC UG/L	< 1	0	< 1	1	0	1	0	2	1
BARIUM UG/L	24	20	20	--	18	22	21	18	22
BERYLLIUM UG/L	< .40	< .40	< .40	< .40	< .40	< .40	< .40	< .40	< .40
BICARBONATE MG/L	31	34	26	31	29	29	29	32	29
BISMUTH UG/L	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0
BORON UG/L	20	17	13	15	14	22	25	17	12
CADMIUM UG/L	0	0	0	0	1	0	0	0	0
CALCIUM MG/L	13	13	11	12	12	12	12	12	10
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	10	8.7	7.2	5.5	8.4	9.6	7.8	7.7	5.4
CHROMIUM UG/L	9	20	9	14	3	9	8	4	5
COBALT UG/L	< .80	< 1.0	< 1.0	2.0	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	15	10	10	37	4.0	16	23	12	12
CYANIDE MG/L	0	.01	.02	.02	.01	0	.01	0	0
DISS SOLIDS SUM MG/L	67	66	59	61	61	67	62	62	54
FLUORIDE MG/L	.20	.50	.40	.20	.30	.20	.20	.10	0
GALLIUM UG/L	< .90	< .80	< .50	< 2.0	< .70	< .40	< .40	< .40	< .70
GERMANIUM UG/L	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
HARDNESS TOTAL MG/L	44	46	38	43	40	42	41	40	36
HARDNESS NONCARB MG/L	14	16	17	17	16	18	17	14	13
IRON UG/L	480	380	470	4400	310	550	500	280	550
LEAD UG/L	4.0	4.0	5.0	13	3.0	7.0	13	2.0	3.0
LITHIUM UG/L	0	0	0	0	0	0	0	0	0
MAGNESIUM MG/L	2.9	3.3	2.6	3.1	2.5	2.9	2.6	2.5	2.6
MANGANESE UG/L	52	40	40	80	45	47	48	44	50
MBAS MG/L	.02	.04	.04	.04	.01	.01	.01	.01	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	1.0	.60	1.0	< 2.0	.70	1.0	1.0	1.0	< .70
NICKEL UG/L	2.0	2.0	3.0	9.0	2.0	1.0	1.0	.70	2.0
NITRATE AS N MG/L	.32	.40	.50	.65	.48	.02	.57	.60	.58
NITRITE AS N MG/L	.01	.01	.01	.02	.01	.01	0	0	.01
NITROGEN NH4 AS N MG/L	.43	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.44	.37	.52	.26	.38	.55	.58	.29	.38
PH UNITS	7.2	6.8	6.8	7.1	7.1	7.4	6.8	7.2	7.0
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.03	.03	.03	.08	.01	.03	.01	.10	.02
POTASSIUM MG/L	.80	.80	.70	1.3	.80	.70	.50	.60	.70
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	2	< 1	2	1	1	1	1	0	1
SILICA MG/L	4.1	4.4	5.2	4.1	4.7	4.6	4.8	5.0	4.3
SILVER UG/L	< .20	< .20	< .20	< .30	< .20	< .20	< .20	< .20	< .20
SODIUM MG/L	6.0	5.5	4.7	4.0	4.2	6.2	4.0	3.8	3.5
SPECIFIC COND UMHOS	127	126	107	109	112	127	118	116	96
STRONTIUM UG/L	55	48	42	54	46	57	55	50	55
SULFATE MG/L	14	13	14	15	13	16	15	14	13
TIN UG/L	< 2.0	< 2.0	< 2.0	< 3.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TITANIUM UG/L	36	15	26	340	57	30	36	11	10
VANADIUM UG/L	.80	< .40	1.0	6.0	< .80	1.0	1.0	1.0	1.0
ZINC UG/L	40	30	28	40	130	40	0	0	50
ZIRCONIUM UG/L	< 2.0	< 2.0	< 2.0	7.0	< 2.0	< 3.0	< 3.0	< 3.0	< 3.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

SARATOGA COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	424741073403000	WATERFORD #D-HUDSON RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	03/21/74	04/04/74	04/15/74	04/30/74	05/22/74	06/06/74	06/20/74	07/05/74	07/18/74
ALUMINUM UG/L	430	1000	1900	300	400	190	580	300	140
ARSENIC UG/L	0	0	1	2	0	1	1	1	< 1
BARIUM UG/L	57	34	44	25	19	20	30	27	37
BERYLLIUM UG/L	< .50	< .90	< .80	< .30	< .30	< .50	< .60	< .70	< 1.0
BICARBONATE MG/L	45	56	43	30	24	39	42	42	39
BISMUTH UG/L	< 2.0	< 3.0	< 3.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 3.0
BORON UG/L	20	13	24	13	8.0	14	14	16	20
CADMIUM UG/L	< 1	0	0	0	0	0	0	1	0
CALCIUM MG/L	16	19	15	9.6	13	14	17	17	12
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	9.7	12	6.2	5.0	4.5	8.5	8.7	9.4	7.9
CHROMIUM UG/L	4	6	15	5	3	7	6	4	< 2
COBALT UG/L	< 2.0	< 3.0	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	14	55	53	50	21	23	100	37	26
CYANIDE MG/L	0	0	.01	0	0	0	0	.01	0
DISS SOLIDS SUM MG/L	81	93	71	57	52	67	74	78	71
FLUORIDE MG/L	0	.10	.20	.10	.10	.20	.20	.10	.10
GALLIUM UG/L	< 1.0	< 2.0	< 1.0	< .50	< .30	< .40	< .60	< .90	< 2.0
GERMANIUM UG/L	< 2.0	< 3.0	< 3.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0
HARDNESS TOTAL MG/L	56	66	53	35	44	47	57	57	43
HARDNESS NONCARB MG/L	19	20	18	10	24	15	23	23	11
IRON UG/L	530	1000	1900	450	330	340	600	540	18
LEAD UG/L	3.0	8.0	10	5.0	3.0	2.0	7.0	5.0	< 3.0
LITHIUM UG/L	2.0	0	0	0	.80	.70	2.0	1.0	2.0
MAGNESIUM MG/L	3.8	4.5	3.8	2.6	2.8	3.0	3.6	3.6	3.2
MANGANESE UG/L	60	83	100	90	39	32	66	60	< 3.0
MBAS MG/L	.04	.03	.02	.02	.04	.04	.03	.05	.05
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	.70	< 2.0	< 1.0	.60	.50	1.0	2.0	1.0	< 2.0
NICKEL UG/L	3.0	16	4.0	2.0	1.0	2.0	3.0	2.0	< 4.0
NITRATE AS N MG/L	.67	.67	.47	.45	.44	.41	.49	.50	.44
NITRITE AS N MG/L	0	0	0	.01	.01	.01	.01	.02	.02
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.51	.52	.41	.27	.33	.34	.44	.44	.54
PH UNITS	7.2	7.4	7.0	7.2	7.3	7.0	7.3	7.5	7.3
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.04	.03	.04	.03	.02	.02	.03	.04	.05
POTASSIUM MG/L	1.0	1.0	1.0	.80	.50	.60	.60	.80	.60
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	2	0	0	0	0	3	< 1	3	< 1
SILICA MG/L	5.1	4.9	4.6	4.9	4.8	4.5	4.1	4.4	4.0
SILVER UG/L	< .20	< .30	< .30	< .20	< .20	< .20	< .20	< .20	< .50
SODIUM MG/L	5.4	6.1	3.6	7.0	3.3	4.4	4.8	5.0	5.6
SPECIFIC COND UMHOS	146	168	132	100	115	102	140	130	124
STRONTIUM UG/L	70	90	68	50	35	45	63	68	300
SULFATE MG/L	17	17	15	12	11	12	14	16	18
TIN UG/L	< 2.0	< 3.0	< 3.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0
TITANIUM UG/L	20	62	110	8.0	53	90	40	20	< 3.0
VANADIUM UG/L	< 1.0	5.0	3.0	.90	.80	1.0	1.0	1.0	< 2.0
ZINC UG/L	16	30	540	90	60	30	50	20	0
ZIRCONIUM UG/L	< 2.0	< 6.0	< 4.0	< 3.0	< 2.0	< 3.0	< 3.0	< 3.0	< 5.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

SARATOGA COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	424741073403000	WATERFORD #D-HUDSON RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	07/31/74	08/12/74	08/27/74	09/12/74	09/23/74	10/07/74	10/24/74	11/08/74	11/24/74
ALUMINUM UG/L	310	300	200	200	1800	230	150	260	300
ARSENIC UG/L	0	< 1	3	0	< 1	< 1	< 1	1	0
BARIUM UG/L	23	26	23	24	40	25	19	21	22
BERYLLIUM UG/L	< .40	< .40	< .30	< .20	< .20	< .20	< .20	< .20	< .20
BICARBONATE MG/L	46	29	37	58	59	52	48	46	36
BISMUTH UG/L	< 2.0	< 2.0	< .90	< .40	< .60	< .70	< .60	< .60	< .50
BORON UG/L	19	11	15	17	24	13	13	16	10
CADMIUM UG/L	0	0	0	1	1	0	0	0	0
CALCIUM MG/L	13	15	16	17	19	18	14	16	14
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	7.2	12	11	9.4	11	7.8	7.7	8.4	5.3
CHROMIUM UG/L	<	2	2	3	4	4	< 1	5	2
COBALT UG/L	: 1.0	< 1.0	< .80	< .40	.80	< .70	< .40	< .60	< .50
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	20	32	23	17	70	16	9.0	18	15
CYANIDE MG/L	0	0	.01	.01	.01	.01	0	.01	.01
DISS SOLIDS SUM MG/L	73	69	77	81	89	84	71	77	62
FLUORIDE MG/L	.10	.20	.10	.20	.20	.10	.20	.20	.30
GALLIUM UG/L	< .70	< 1.0	< .20	< .20	.40	< .30	< .20	< .30	< .30
GERMANIUM UG/L	< 2.0	< 2.0	< .80	< .70	< 1.0	< .70	< .60	< .60	< .50
HARDNESS TOTAL MG/L	46	49	53	59	68	59	48	56	47
HARDNESS NONCARB MG/L	9	25	23	18	19	16	15	18	19
IRON UG/L	500	520	470	330	1400	400	320	450	470
LEAD UG/L	4.0	4.0	5.0	4.0	14	5.0	3.0	6.0	6.0
LITHIUM UG/L	.80	.90	3.0	1.0	2.0	.80	.60	.80	.80
MAGNESIUM MG/L	3.4	2.7	3.2	4.0	4.9	3.3	3.2	3.8	3.0
MANGANESE UG/L	56	65	53	57	120	44	50	44	50
MBAS MG/L	.05	.05	.09	.04	.04	.04	.04	.05	.04
MERCURY UG/L	.50	< .50	< .50	< .50	.90	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	2.0	< .60	1.0	1.0	.70	1.0	.70	1.0	.40
NICKEL UG/L	2.0	2.0	2.0	2.0	5.0	1.0	1.0	1.0	.80
NITRATE AS N MG/L	.42	.25	.45	.34	.54	.47	.28	.42	.34
NITRITE AS N MG/L	.03	.01	0	.01	.02	.01	0	.01	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.41	.19	.46	--	.62	.56	.42	.48	.38
PH UNITS	7.4	7.2	7.3	7.3	7.4	7.4	7.0	7.3	7.4
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.03	.03	.02	.03	.06	.03	.01	.03	.03
POTASSIUM MG/L	1.8	1.9	1.3	.70	1.3	1.0	.70	.50	.70
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	< 1	3	0	< 2	3	< 2	2	0	0
SILICA MG/L	3.6	4.0	3.5	4.0	4.4	4.3	4.0	3.8	4.7
SILVER UG/L	< .20	< .20	< .10	< .07	.10	< .07	< .06	< .06	< .05
SODIUM MG/L	5.5	4.0	6.0	6.0	4.0	6.5	5.0	5.1	3.6
SPECIFIC CND UMHOS	138	122	142	165	195	150	149	152	118
STRONTIUM UG/L	57	57	60	68	87	66	66	66	48
SULFATE MG/L	15	15	17	15	13	17	16	16	12
TIN UG/L	< 2.0	< 2.0	< .80	< .70	< 1.0	< .70	< 6.0	< .60	< .50
TITANIUM UG/L	16	13	40	11	110	10	13	33	20
VANADIUM UG/L	1.0	1.0	1.0	.90	3.0	.80	.50	.70	.30
ZINC UG/L	0	80	10	20	60	40	20	60	20
ZIRCONIUM UG/L	< 2.0	< 2.0	< .80	< 1.0	2.0	< 1.0	< 1.0	< .90	< 10

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I, MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

SARATOGA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	424741073403000	WATERFORD #D-HUDSON RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	12/03/74	12/19/74	12/31/74	01/14/75	01/27/75	02/14/75	02/28/75	03/14/75	03/28/75
ALUMINUM UG/L	200	270	110	600	650	240	820	240	450
ARSENIC UG/L	1	1	1	0	1	1	0	0	0
BARIUM UG/L	20	19	13	24	25	19	24	20	20
BERYLLIUM UG/L	< .20	< .20	< .40	< .40	< .20	< .20	< .20	< .20	< .20
BICARBONATE MG/L	49	38	44	40	49	39	41	40	39
BISMUTH UG/L	< .60	< .50	< 2.0	< 2.0	< .40	< .40	< .40	< .50	< .60
BORON UG/L	10	13	9.0	10	12	13	12	10	10
CADMIUM UG/L	0	1	0	0	0	0	0	0	0
CALCIUM MG/L	16	13	14	14	14	13	15	13	12
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	6.1	5.9	5.4	3.6	7.7	6.3	6.5	7.3	6.6
CHROMIUM UG/L	1	2	< 2	1	< 1	< 1	3	2	2
COBALT UG/L	< .60	< .50	< 2.0	< 2.0	.30	< .30	1.0	< 1.0	< .60
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	2.0	13	11	16	16	16	26	30	30
CYANIDE MG/L	.01	.01	.02	.01	0	.01	.01	0	0
DISS SOLIDS SUM MG/L	73	64	67	65	75	63	69	66	63
FLUORIDE MG/L	.10	.20	.10	.20	.20	.20	.10	.10	.20
GALLIUM UG/L	< .30	< .30	< .50	< .70	.10	< .20	.20	< .30	< .30
GERMANIUM UG/L	< .60	< .50	< 2.0	< 2.0	< .60	< .60	< .70	< 1.0	< 1.0
HARDNESS TOTAL MG/L	54	45	49	50	49	47	51	46	38
HARDNESS NONCARB MG/L	14	14	13	17	9	15	17	13	6
IRON UG/L	320	330	180	530	620	290	800	370	400
LEAD UG/L	9.0	3.0	3.0	< 2.0	5.0	3.0	3.0	2.0	2.0
LITHIUM UG/L	.70	.80	< 10	.60	1.0	1.0	1.0	.80	1.0
MAGNESIUM MG/L	3.5	3.1	3.5	3.6	3.4	3.5	3.3	3.2	2.0
MANGANESE UG/L	60	50	36	50	60	64	60	56	42
MBAS MG/L	0	0	0	0	0	0	0	0	0
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	1.0	.50	.70	< .80	.40	.40	.30	.30	< .30
NICKEL UG/L	.70	1.0	< .70	2.0	2.0	1.0	2.0	1.0	1.0
NITRATE AS N MG/L	.38	.40	.39	.47	.51	.44	.47	.44	.50
NITRITE AS N MG/L	0	0	.01	.01	.01	0	.01	.01	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.36	.40	.26	.39	.41	.31	.20	.27	.26
PH UNITS	7.6	7.3	7.4	5.6	7.2	7.4	7.3	7.3	7.5
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.01	.02	.02	.04	.04	.02	.03	.04	.02
POTASSIUM MG/L	.50	.80	.30	.98	.90	.90	1.3	.70	.70
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	0	2	0	1	0	0	0
SILICA MG/L	4.8	5.1	5.2	5.0	5.1	5.6	5.3	5.5	5.5
SILVER UG/L	< .06	< .05	< .20	< .20	< .10	< .06	< .06	< .10	< .10
SODIUM MG/L	4.1	4.3	4.5	4.1	5.0	4.2	4.5	4.0	3.9
SPECIFIC CONU UMHOS	169	132	134	136	134	124	138	123	121
STRONTIUM UG/L	42	52	45	46	55	58	65	65	55
SULFATE MG/L	13	12	12	13	14	10	12	12	12
TIN UG/L	< .60	< .50	< 2.0	< 2.0	< .60	< .60	< .60	< 1.0	< .60
TITANIUM UG/L	20	35	8.0	50	48	22	40	6.0	20
VANADIUM UG/L	< .30	1.0	< .70	1.0	1.0	.50	1.0	.60	.70
ZINC UG/L	0	20	10	10	20	10	10	10	100
ZIRCONIUM UG/L	< 2.0	< .80	< 3.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

SARATOGA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	424741073403000	WATERFORD #D-HUDSON RIVER
B	424741073403001	WATERFORD #D-HUDSON RIVER

SYSTEM(S) ON THIS PAGE...	A	A	A	B	B	B	B	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	04/07/75	04/22/75	05/05/75	08/11/71	05/22/74	06/05/74	06/20/74	07/05/74	07/18/74
ALUMINUM UG/L	710	590	550	2000	25	18	20	12	17
ARSENIC UG/L	0	0	0	8	0	2	1	4	< 1
BARIUM UG/L	25	18	19	90	15	19	24	26	23
BERYLLIUM UG/L	< .30	< .10	< .10	< .70	< .80	< .90	< 1.0	< .80	< .60
BICARBONATE MG/L	52	29	23	69	64	74	71	48	55
BISMUTH UG/L	< 1.0	< .40	< .40	< 2.0	< 3.0	< 3.0	< 3.0	< 2.0	< 2.0
BORON UG/L	12	8.0	10	15	8.0	13	28	19	20
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	18	9.7	10	13	10	14	20	17	13
CARBONATE MG/L	0	0	0	0	1	0	0	0	0
CHLORIDE MG/L	9.0	5.4	3.9	11	7.7	12	14	15	12
CHROMIUM UG/L	2	2	1	35	< 1	4	< 2	< 1	2
COBALT UG/L	< .60	.20	.20	2.0	< 2.0	< 3.0	< 2.0	< 2.0	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	18	27	43	340	2.0	2.0	5.0	8.0	5.0
CYANIDE MG/L	.01	0	.01	0	0	0	0	.01	0
DISS SOLIDS SUM MG/L	82	49	46	136	112	119	134	113	119
FLUORIDE MG/L	.10	.40	.20	.10	.10	.10	.20	.10	0
GALLIUM UG/L	< .30	< .20	< .20	< .70	< 1.0	< .60	< 2.0	< 1.0	< 1.0
GERMANIUM UG/L	< 1.0	< .50	< .50	< 3.0	< 2.0	< 3.0	< 3.0	< 3.0	< 3.0
HARDNESS TOTAL MG/L	63	33	33	44	34	47	66	57	46
HARDNESS NONCARB MG/L	20	9	14	0	0	0	7	18	1
IRON UG/L	750	600	438	1800	4.0	5.0	3.0	3.0	7.0
LEAD UG/L	2.0	3.0	3.0	80	< 2.0	< 2.0	< 3.0	< 2.0	< 2.0
LITHIUM UG/L	1.0	.80	.80	1.0	.50	.60	1.0	1.0	1.0
MAGNESIUM MG/L	4.3	2.2	1.9	2.7	2.1	3.0	3.8	3.6	3.2
MANGANESE UG/L	60	53	50	700	2.0	< 2.0	7.0	2.0	3.0
MBAS MG/L	0	0	0	.02	.06	.05	.03	.05	.04
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .50	.30	.20	2.0	< 1.0	< 2.0	1.0	1.0	2.0
NICKEL UG/L	8.0	2.0	1.0	15	< 3.0	< 3.0	< 2.0	< 2.0	< 2.0
NITRATE AS N MG/L	.53	.38	.49	.30	.44	.39	.48	.50	.47
NITRITE AS N MG/L	.01	.01	.01	.01	0	0	0	0	.01
NITROGEN NH4 AS N MG/L	--	--	--	.43	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.30	.25	.89	.52	.33	.17	.16	.11	.17
PH UNITS	7.6	7.3	7.3	7.5	8.5	7.4	7.9	7.1	7.5
PHENOLS UG/L	--	--	--	0	--	--	--	--	--
PHOSPHORUS AS P MG/L	.03	.03	.02	.01	0	0	0	.01	.02
POTASSIUM MG/L	.90	.40	.60	.70	.50	.60	.70	1.0	.70
RUBIDIUM UG/L	--	--	--	2.0	--	--	--	--	--
SELENIUM UG/L	0	0	0	5	0	2	0	2	< 1
SILICA MG/L	5.3	5.5	5.1	3.7	4.6	4.7	4.3	4.3	4.0
SILVER UG/L	< .10	.10	< .05	< .20	< .30	< .30	< .30	< .30	< .30
SODIUM MG/L	5.1	2.9	2.7	32	27	24	26	15	24
SPECIFIC COND UMHOS	153	95	90	234	230	205	235	128	202
STRONTIUM UG/L	63	31	40	57	43	50	72	74	60
SULFATE MG/L	13	7.9	10	30	27	24	30	33	35
TIN UG/L	< 1.0	< .40	< .40	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
TITANIUM UG/L	37	40	30	100	< 3.0	< 3.0	< 3.0	< 2.0	< 2.0
VANADIUM UG/L	3.0	1.0	.70	6.0	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0
ZINC UG/L	10	20	20	< 140	150	20	30	20	10
ZIRCONIUM UG/L	< 1.0	< 1.0	< 1.0	6.0	< 4.0	< 4.0	< 5.0	< 4.0	< 3.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

SARATOGA COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	424741073403001	WATERFORD #D-HUDSON RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	07/31/74	08/12/74	08/27/74	09/12/74	09/23/74	10/07/74	10/24/74	11/08/74	11/24/74
ALUMINUM UG/L	19	380	20	25	70	12	24	16	25
ARSENIC UG/L	0	< 1	2	< 1	< 1	0	< 1	1	0
BARIUM UG/L	16	25	22	17	17	21	15	17	15
BERYLLIUM UG/L	< .50	< .50	< .30	< .20	< .30	< .20	< .20	< .20	< .20
BICARBONATE MG/L	61	23	48	75	103	71	65	70	63
BISMUTH UG/L	< 2.0	< 2.0	< 1.0	< .70	< 1.0	< 1.0	< .90	< 1.0	< .80
BORON UG/L	19	9.0	11	12	13	8.0	5.0	11	5.0
CADMIUM UG/L	0	0	0	1	1	0	0	0	0
CALCIUM MG/L	14	16	16	16	19	17	14	16	13
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	9.9	16	15	14	16	12	11	13	9.5
CHROMIUM UG/L	< 2	< 1	< 1	2	< 2	1	2	< 1	< 1
COBALT UG/L	< 2.0	< 1.0	< 1.0	< .70	< .90	< 1.0	< .60	< 1.0	< .80
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	5.0	24	8.0	5.0	13	6.0	2.0	4.0	4.0
CYANIDE MG/L	0	0	0	.01	.01	.01	0	.01	0
DISS SOLIDS SUM MG/L	117	118	116	135	162	131	121	128	115
FLUORIDE MG/L	.10	.20	.10	.20	.10	.10	.20	.20	.40
GALLIUM UG/L	< 1.0	< 1.0	< .30	< .30	< .50	< .30	< .20	< .40	< .40
GERMANIUM UG/L	< 3.0	< 3.0	< 1.0	< 1.0	< 2.0	< 1.0	< .90	< 1.0	< .80
HARDNESS TOTAL MG/L	49	51	52	61	67	56	48	61	44
HARDNESS NONCARB MG/L	0	32	13	0	0	0	0	4	0
IRON UG/L	15	20	7.0	2.0	15	5.0	5.0	12	3.0
LEAD UG/L	< 2.0	< 2.0	< 1.0	< 1.0	< 2.0	< 1.0	< .90	< 1.0	< .80
LITHIUM UG/L	3.0	1.0	< .60	1.0	2.0	< .60	.60	.90	< .70
MAGNESIUM MG/L	3.4	2.6	3.0	3.6	4.8	3.2	3.1	4.0	2.9
MANGANESE UG/L	2.0	45	6.0	< .50	12	2.0	1.0	.80	2.0
NBAS MG/L	.05	.06	.06	.03	.05	.06	.05	.06	.06
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	2.0	< .70	1.0	1.0	.90	1.0	.70	1.0	.40
NICKEL UG/L	< 2.0	< 2.0	< 1.0	< .70	< 1.0	< 1.0	< .60	< 1.0	< .40
NITRATE AS N MG/L	.45	.25	.46	.38	.54	.50	.28	.38	.34
NITRITE AS N MG/L	.01	0	0	0	0	0	0	0	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.18	.02	.11	.06	.24	.17	.14	.11	.09
PH UNITS	7.4	6.6	7.3	7.4	8.5	7.3	7.5	7.5	8.5
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	0	.01	0	.01	0	0	0	0	0
POTASSIUM MG/L	1.8	1.9	1.2	.70	1.5	1.0	.80	1.0	.90
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	< 1	0	0	2	2	< 2	2	0	0
SILICA MG/L	3.7	4.2	3.6	4.0	4.2	4.3	4.0	3.6	4.4
SILVER UG/L	< .30	< .30	< .10	< .10	< .20	< .10	< .10	< .10	< .08
SODIUM MG/L	23	19	21	24	35	25	25	22	23
SPECIFIC COND UMHOS	210	200	210	240	330	250	240	224	216
STRONTIUM UG/L	60	56	62	64	82	74	70	72	53
SULFATE MG/L	31	47	32	33	38	33	31	31	30
TIN UG/L	< 3.0	< 3.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< .80
TITANIUM UG/L	< 2.0	< 2.0	70	< 1.0	10	< .70	< .60	< 1.0	< .60
VANADIUM UG/L	< 1.0	< 1.0	< .50	.80	< 1.0	< .50	< .60	< 1.0	< .40
ZINC UG/L	30	20	30	20	0	10	10	90	10
ZIRCONIUM UG/L	< 3.0	< 3.0	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

SARATOGA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	424741073403001	WATERFORD WD-HUDSON RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	12/03/74	12/19/74	12/31/74	01/14/75	01/27/75	02/14/75	02/28/75	03/14/75	03/28/75
ALUMINUM UG/L	100	20	14	46	82	46	50	40	40
ARSENIC UG/L	0	0	1	0	0	0	0	1	0
BARIUM UG/L	15	14	13	16	15	17	16	16	13
BERYLLIUM UG/L	< .20	< .20	< .60	< .60	< .20	< .20	< .20	< .20	< .30
BICARBONATE MG/L	64	62	71	64	42	48	50	57	65
BISMUTH UG/L	< .70	< .80	< 3.0	< 3.0	< .50	< .50	< .50	< .70	< 1.0
BORON UG/L	5.0	6.0	8.0	8.0	6.0	8.0	7.0	8.0	5.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	11	15	14	14	14	13	13	16	12
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	10	10	8.0	7.5	12	10	11	10	10
CHROMIUM UG/L	< 1	< 1	< 3	< 2	< 1	< 1	< 1	< 1	< 1
COBALT UG/L	< .70	< .80	< 3.0	< 3.0	< .60	< .60	< 1.0	< 1.0	< 1.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	3.0	4.0	1.0	3.0	4.0	4.0	5.0	3.0	1.0
CYANIDE MG/L	.01	.01	.02	.01	0	.01	.01	0	.02
DISS SOLIDS SUM MG/L	107	115	117	117	114	108	109	114	118
FLUORIDE MG/L	.10	.20	.10	.10	.20	.10	.10	.10	.30
GALLIUM UG/L	< .40	< .40	< .80	< 2.0	< .20	< .20	< .20	< .40	< .40
GERMANIUM UG/L	< .70	< .80	< 3.0	< 3.0	< .80	< .80	< 1.0	< 1.0	< 1.0
HARDNESS TOTAL MG/L	48	58	49	58	49	47	46	54	39
HARDNESS NONCARB MG/L	0	0	0	0	15	7	5	7	0
IRON UG/L	47	5.0	10	8.0	8.0	7.0	5.0	10	5.0
LEAD UG/L	2.0	< .80	< 3.0	< 3.0	< .70	< .70	< 1.0	< 1.0	< 1.0
LITHIUM UG/L	.50	.90	< 10	< .50	.60	.80	.60	.70	.80
MAGNESIUM MG/L	3.1	3.0	3.5	3.7	3.5	3.5	3.3	3.4	2.1
MANGANESE UG/L	6.0	8.0	< 3.0	4.0	5.0	5.0	4.0	4.0	2.0
MBAS MG/L	0	.10	0	.10	0	0	0	0	0
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	.60	< .40	1.0	< 2.0	.20	< .20	< .30	.20	< .40
NICKEL UG/L	.40	< .80	< 2.0	< 3.0	< .50	.60	< .70	< .50	< 1.0
NITRATE AS N MG/L	.34	.38	.41	.48	.53	.45	.55	.46	.50
NITRITE AS N MG/L	0	0	0	0	0	0	0	0	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.18	.15	.08	.15	.11	.10	.01	0	.09
PH UNITS	7.7	7.6	8.0	6.1	6.9	7.1	7.2	7.4	8.0
PHENOLS UG/L	--	--	--	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	0	0	0	0	0	.01	.01	.02	0
POTASSIUM MG/L	.80	.40	.30	1.0	1.0	.90	1.4	.70	.70
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	0	2	0	1	0	0	0
SILICA MG/L	4.9	4.8	4.8	4.9	4.8	5.4	4.9	5.2	5.2
SILVER UG/L	< .07	< .08	< .30	< .30	< .10	< .10	< .10	< .10	< .10
SODIUM MG/L	21	24	23	24	21	15	20	19	23
SPECIFIC COND UMHOS	230	213	215	220	203	170	205	195	211
STRONTIUM UG/L	50	54	57	54	54	61	65	65	60
SULFATE MG/L	24	27	28	30	34	28	30	31	32
TIN UG/L	< .70	< .80	< 3.0	< 3.0	< .80	< .80	< .70	< 1.0	< 1.0
TITANIUM UG/L	8.0	< .60	< 2.0	< 3.0	1.0	.80	< .50	< .50	< 1.0
VANADIUM UG/L	< .40	< .60	< 2.0	< 3.0	< .50	< .50	< .70	< 1.0	< 1.0
ZINC UG/L	0	10	0	0	10	10	0	10	0
ZIRCONIUM UG/L	< 2.0	< 2.0	< 4.0	< 3.0	< 1.0	< 1.0	< 1.0	< 2.0	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

SARATOGA COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	424741073403001	WATERFORD WD-HUDSON RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED
DATE.....	04/07/75	04/22/75	05/05/75
ALUMINUM UG/L	38	310	14
ARSENIC UG/L	0	0	0
BARIUM UG/L	15	13	6.0
BERYLLIUM UG/L	< .40	< .20	< .20
BICARBONATE MG/L	67	36	45
BISMUTH UG/L	< 1.0	< .50	< .60
BORON UG/L	5.0	4.0	3.0
CADMIUM UG/L	0	0	0
CALCIUM MG/L	18	9.2	11
CARBONATE MG/L	0	0	0
CHLORIDE MG/L	11	8.7	7.8
CHROMIUM UG/L	< 1	1	< 1
COBALT UG/L	< .60	< .30	< .30
COLIFORM COL/100 ML	--	--	--
COPPER UG/L	1.0	4.0	1.0
CYANIDE MG/L	.01	.01	.01
DISS SOLIDS SUM MG/L	123	87	95
FLUORIDE MG/L	0	.30	.20
GALLIUM UG/L	< .40	< .30	< .30
GERMANIUM UG/L	< 1.0	< .60	< .70
HARDNESS TOTAL MG/L	75	31	35
HARDNESS NONCARB MG/L	20	2	0
IRON UG/L	10	40	7.0
LEAD UG/L	< 1.0	< .50	< .60
LITHIUM UG/L	< 1.0	.60	.20
MAGNESIUM MG/L	7.3	2.0	1.8
MANGANESE UG/L	2.0	10	1.0
MBAS MG/L	0	0	0
MERCURY UG/L	< .50	< .50	< .50
MOLYBDENUM UG/L	< .40	.30	< .20
NICKEL UG/L	<.0	.50	< .40
NITRATE AS N MG/L	.08	.38	.47
NITRITE AS N MG/L	0	0	0
NITROGEN NH4 AS N MG/L	--	--	--
NITROGEN NH4+ORG-N MG/L	.10	0	.60
PH UNITS	7.4	7.5	7.4
PHENOLS UG/L	--	--	--
PHOSPHORUS AS P MG/L	0	0	0
POTASSIUM MG/L	.90	.40	.60
RUBIDIUM UG/L	--	--	--
SELENIUM UG/L	0	0	1
SILICA MG/L	5.1	5.4	5.1
SILVER UG/L	< .10	< .10	< .10
SODIUM MG/L	18	20	21
SPECIFIC COND UMHOS	210	160	168
STRONTIUM UG/L	64	37	18
SULFATE MG/L	30	23	25
TIN UG/L	< 1.0	< .50	< .60
TITANIUM UG/L	< .80	3.0	< .40
VANADIUM UG/L	1.0	.40	< .40
ZINC UG/L	10	20	10
ZIRCONIUM UG/L	< 1.0	< 1.0	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

SCHENECTADY COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	424433074111300	DELANSON(V)-DELANSON RESERVOIR
B	424958073591001	GLENVILLE WD #11-WELL
C	424958073591000	GLENVILLE WD #11-WELL
D	424745073503401	NISKAYUNA WATER DISTRICT NO 5-WELLS
E	424745073503400	NISKAYUNA WATER DISTRICT NO 5-WELLS
F	424718073585601	ROTTERDAM WD #7-WELLS
G	425725073585700	ROTTERDAM WD #5-WELLS

SYSTEM(S) ON THIS PAGE..	A	B	C	D	D	E	E	F	G
TYPE OF WATER SAMPLED...	DISTRBN	RAW	TREATED	RAW	RAW	TREATED	TREATED	RAW	DISTRBN
DATE.....	01/18/73	12/01/71	12/01/71	12/01/71	04/11/75	12/01/71	04/11/75	02/28/73	12/01/71
ALUMINUM UG/L	62	89	7.0	67	13	63	20	7.0	46
ARSENIC UG/L	10	2	1	2	1	1	0	0	3
BARIUM UG/L	9.0	24	< 12	28	32	23	25	37	22
BERYLLIUM UG/L	< .60	< 2.0	< 2.0	< .60	< .70	< .90	< .80	< 4.0	< 1.0
BICARBONATE MG/L	36	190	189	115	145	148	178	330	185
BISMUTH UG/L	< 2.0	< 6.0	< 6.0	< 4.0	< 2.0	< 5.0	< 2.0	< 10	< 5.0
BORON UG/L	6.0	26	24	31	25	25	25	64	30
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	17	58	19	37	50	37	45	98	57
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	23	23	22	17	18	21	23	68	19
CHROMIUM UG/L	< 2	< 6	< 6	< 4	< 2	< 5	< 2	< 10	< 5
COBALT UG/L	< 2.0	< 12	< 12	< 8.0	< 1.0	< 10	< 2.0	< 10	< 10
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	11	< 2.0	14	1.0	.60	37	35	3.0	8.0
CYANIDE MG/L	0	0	0	0	.01	0	0	0	0
DISS SOLIDS SUM MG/L	94	237	255	173	206	208	240	469	226
FLUORIDE MG/L	.10	.10	.10	.20	0	.20	.10	.10	.20
GALLIUM UG/L	< .90	< 2.0	< 2.0	< .90	< .70	< .90	< .80	< 5.0	< 1.0
GERMANIUM UG/L	< 2.0	< 6.0	< 6.0	< 4.0	< 2.0	< 5.0	< 2.0	< 10	< 5.0
HARDNESS TOTAL MG/L	53	202	66	131	166	130	153	352	188
HARDNESS NONCARB MG/L	24	47	0	36	47	9	7	81	36
IRON UG/L	94	16	4.0	670	650	10	50	< 10	58
LEAD UG/L	< 2.0	< 6.0	< 6.0	< 4.0	< 2.0	< 5.0	< 2.0	< 10	< 5.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	6.0	< 10	6.0	< 10	< 10
MAGNESIUM MG/L	2.6	14	4.5	9.3	10	9.2	9.8	26	11
MANGANESE UG/L	8.0	< 6.0	< 6.0	280	1100	< 5.0	1.0	< 8.0	130
MBAS MG/L	.02	.01	.02	.02	0	.02	0	.02	.01
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .90	< 2.0	< 2.0	< .40	< .70	< .90	< .80	< 5.0	< 1.0
NICKEL UG/L	< 2.0	< 6.0	< 6.0	6.0	2.0	< 5.0	< 2.0	< 10	< 5.0
NITRATE AS N MG/L	.01	.30	.90	.40	.23	.38	.22	4.8	.10
NITRITE AS N MG/L	--	--	--	--	0	--	0	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.12	.03	.02	.40	.04	.12	.28	.01	.05
PH UNITS	7.5	7.7	7.6	7.1	7.1	7.9	7.6	7.8	7.6
PHENOLS UG/L	--	5.0	0	1.0	--	0	--	--	1.0
PHOSPHORUS AS P MG/L	.01	0	0	.01	.01	.00	.02	.00	.00
POTASSIUM MG/L	.78	1.2	.00	1.4	1.1	1.4	1.2	2.3	1.4
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	2	0	0	0	0	0	0
SILICA MG/L	2.8	7.3	6.9	7.2	6.8	7.3	6.7	9.1	6.5
SILVER UG/L	< .20	< .30	< .30	< .20	< .20	< .30	< .20	< 1.0	< .30
SODIUM MG/L	12	10	72	10	10	27	27	34	11
SPECIFIC COND UMHOS	174	422	436	385	369	366	418	818	396
STRONTIUM UG/L	110	140	62	130	220	140	210	240	240
SULFATE MG/L	16	38	36	34	39	32	39	64	28
TIN UG/L	< 2.0	< 6.0	< 6.0	< 4.0	< 2.0	< 5.0	< 2.0	< 10	< 5.0
TITANIUM UG/L	< 2.0	< 3.0	< 3.0	< 2.0	< 2.0	< 3.0	< 2.0	< 10	< 3.0
VANADIUM UG/L	< 2.0	< 3.0	< 3.0	< 2.0	< 2.0	< 3.0	< 2.0	< 10	< 3.0
ZINC UG/L	< 130	< 250	< 250	< 170	0	< 210	0	50	< 210
ZIRCONIUM UG/L	< 4.0	< 12	< 12	< 8.0	< 2.0	< 10	< 3.0	< 22	< 10

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

SCHENECTADY COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	424910073591701	SCHENECTADY(C)-WELLS

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	11/10/70	07/12/71	10/14/71	01/13/72	04/06/72	07/13/72	10/18/72	01/10/73	04/17/73
ALUMINUM UG/L	14	.90	8.0	48	41	7.0	11	48	4.0
ANSENIC UG/L	0	0	0	1	0	2	1	0	0
BARIUM UG/L	38	38	40	41	34	30	36	28	31
BERYLLIUM UG/L	< .50	< .60	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.0
BICARBONATE MG/L	150	202	202	206	182	190	201	180	192
BISMUTH UG/L	< 5.0	< 3.0	< 6.0	< 6.0	< 6.0	< 5.0	< 6.0	< 5.0	< 5.0
BORON UG/L	36	16	48	33	27	17	25	24	20
CADMIUM UG/L	0	0	0	0	0	0	0	1	0
CALCIUM MG/L	48	63	66	65	62	57	60	61	68
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	15	20	19	20	20	14	17	25	16
CHROMIUM UG/L	< 5	< 6	< 6	< 6	< 3	< 5	< 6	< 5	< 6
COBALT UG/L	< 5.0	< 2.0	< 3.0	< 6.0	< 6.0	< 5.0	< 6.0	6.0	< 6.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	4.0	1.0	25	3.0	5.0	4.0	5.0	1.0	40
CYANIDE MG/L	0	.01	0	0	0	0	0	.01	.01
DISS SOLIDS SUM MG/L	185	248	246	253	233	214	236	233	240
FLUORIDE MG/L	.10	0	.10	.10	.10	.10	.10	.10	.10
GALLIUM UG/L	ND	< 2.0	< 3.0	< 2.0	< 3.0	< 5.0	< 3.0	< 3.0	< 3.0
GERMANIUM UG/L	< 5.0	< 6.0	< 6.0	< 6.0	< 6.0	< 11	< 6.0	< 5.0	< 6.0
HARDNESS TOTAL MG/L	144	207	210	208	196	183	191	193	211
HARDNESS NONCARB MG/L	21	41	44	39	47	35	26	46	53
IRON UG/L	7.0	3.0	14	5.0	12	9.0	12	< 5.0	12
LEAD UG/L	< 5.0	< 2.0	< 13	< 6.0	< 3.0	< 5.0	< 6.0	< 5.0	< 6.0
LITHIUM UG/L	2.0	2.0	< 10	< 10	< 10	< 10	< 10	< 10	--
MAGNESIUM MG/L	5.9	12	11	11	10	9.8	10	10	10
MANGANESE UG/L	190	93	180	180	140	95	150	95	190
MBAS MG/L	.01	.01	.02	.02	.01	.02	.02	.07	.01
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	.70	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 3.0	< 3.0	< 0
NICKEL UG/L	< 2.0	< 6.0	< 6.0	< 3.0	< 6.0	< 5.0	< 6.0	< 5.0	< 6.0
NITRATE AS N MG/L	.10	.44	.20	.30	.30	.20	.30	.30	.50
NITHITE AS N MG/L	0	0	--	--	--	--	--	--	--
NITHOGEN NH4 AS N MG/L	0	0	--	--	--	--	--	--	--
NITHOGEN NH4+ORG-N MG/L	--	0	.02	.11	0	.17	.08	.06	.10
PH UNITS	7.8	7.8	7.6	7.8	7.4	7.8	8.0	7.8	8.3
PHENOLS UG/L	0	0	0	0	1.0	--	--	--	--
PHOSPHORUS AS P MG/L	.02	.01	.01	.01	.01	.02	.02	.02	.01
POTASSIUM MG/L	1.3	2.1	1.4	1.5	1.4	1.1	1.4	1.1	1.2
RUBIDIUM UG/L	< 2.0	< .40	--	--	--	--	--	--	--
SELENIUM UG/L	1	2	6	1	1	0	7	2	0
SILICA MG/L	5.1	6.5	7.1	8.6	8.0	6.8	7.7	7.0	7.0
SILVER UG/L	< .50	< .60	< .60	< 2.0	< 2.0	< 1.0	< .60	< .50	< .60
SODIUM MG/L	11	11	12	12	10	8.6	11	9.4	10
SPECIFIC COND UMHOS	336	433	422	427	413	382	422	395	404
STRONTIUM UG/L	300	240	320	290	280	230	300	290	260
SULFATE MG/L	25	34	30	33	32	28	30	31	33
TIN UG/L	< 5.0	< 6.0	< 6.0	< 6.0	< 6.0	< 11	< 6.0	< 5.0	< 6.0
TITANIUM UG/L	< 3.0	< 6.0	< 3.0	< 3.0	< 6.0	< 5.0	3.0	< 5.0	< 4.0
VANADIUM UG/L	< 5.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 5.0	< 6.0
ZINC UG/L	< 300	< 270	< 270	< 600	< 250	< 480	< 370	0	0
ZIRCONIUM UG/L	ND	< 3.0	< 13	< 13	< 12	< 11	< 8.0	< 5.0	< 4.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

SCHENECTADY COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	424910073591700	SCHENECTADY(C)-WELLS

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	11/10/70	07/12/71	10/14/71	01/13/72	04/06/72	07/13/72	10/18/72	01/10/73	04/17/73
ALUMINUM UG/L	9.0	3.0	7.0	5.0	73	12	47	13	6.0
ARSENIC UG/L	0	0	0	2	0	1	0	0	0
BARIUM UG/L	34	41	42	33	28	26	36	26	29
BERYLLIUM UG/L	< .50	< .60	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 2.0	< 2.0
BICARBONATE MG/L	162	192	200	170	152	160	201	173	194
BISMUTH UG/L	< 5.0	< 3.0	< 6.0	< 5.0	< 5.0	< 5.0	< 6.0	< 5.0	< 5.0
BORON UG/L	45	18	39	41	20	16	22	27	17
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	52	60	61	54	52	52	62	58	63
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	16	18	18	16	16	14	18	18	18
CHROMIUM UG/L	< 5	< 6	< 6	< 5	< 3	< 5	< 6	< 5	< 6
COBALT UG/L	< 5.0	< 2.0	< 3.0	< 5.0	< 5.0	< 5.0	< 6.0	6.0	< 6.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	21	160	180	14	330	500	3.0	140	190
CYANIDE MG/L	0	0	0	0	0	0	0	.01	.01
DISS SOLIDS SUM MG/L	201	232	238	212	197	198	239	225	239
FLUORIDE MG/L	.20	.40	.90	1.1	.20	1.2	.10	.90	.90
GALLIUM UG/L	ND	< 2.0	< 3.0	< 1.0	< 1.0	< 5.0	< 3.0	< 3.0	< 3.0
GERMANIUM UG/L	< 5.0	< 6.0	< 6.0	< 5.0	< 5.0	< 10	< 6.0	< 5.0	< 6.0
HARDNESS TOTAL MG/L	150	191	198	176	164	166	196	185	194
HARDNESS NONCARB MG/L	25	34	34	37	39	35	31	43	39
IRON UG/L	130	9.0	15	8.0	35	11	13	< 5.0	11
LEAD UG/L	< 5.0	4.0	< 13	8.0	3.0	37	< 6.0	< 5.0	< 6.0
LITHIUM UG/L	3.0	2.0	< 10	< 10	< 10	< 10	< 10	< 10	--
MAGNESIUM MG/L	6.9	10	11	10	8.2	8.9	10	9.7	10
MANGANESE UG/L	270	290	460	260	150	170	50	160	210
MBAS MG/L	.01	.01	.02	.01	.01	.02	.02	.02	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	.78	< 2.0	< 2.0	2.0	< 1.0	< 1.0	< 3.0	< 3.0	< 2.0
NICKEL UG/L	< 3.0	< 6.0	15	< 3.0	5.0	22	< 6.0	< 5.0	< 6.0
NITRATE AS N MG/L	.10	.26	.10	0	.10	.50	.38	.50	.50
NITRITE AS N MG/L	0	0	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	0	.03	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	--	.33	.15	.04	.02	.16	.11	.06	.06
PH UNITS	7.7	7.7	7.4	7.7	7.5	7.7	8.2	7.5	8.2
PHENOLS UG/L	0	0	0	0	20	--	--	--	--
PHOSPHORUS AS P MG/L	.04	0	.01	.18	.08	.26	.01	.28	.01
POTASSIUM MG/L	1.3	1.5	1.4	1.5	1.1	1.0	1.4	1.1	1.1
RUBIDIUM UG/L	< 2.0	< .48	--	--	--	--	--	--	--
SELENIUM UG/L	3	2	5	2	0	0	4	3	0
SILICA MG/L	5.6	7.4	8.0	6.9	5.2	6.1	7.7	6.3	7.9
SILVER UG/L	< .50	< .60	< .60	< 1.0	< 1.0	< 1.0	< .60	< .50	< .60
SODIUM MG/L	11	10	11	11	9.4	8.6	10	10	11
SPECIFIC COND UMHOS	370	406	420	364	351	358	420	392	387
STRONTIUM UG/L	320	290	300	340	320	260	310	290	300
SULFATE MG/L	28	30	28	28	30	27	31	35	31
TIN UG/L	< 5.0	< 6.0	< 6.0	< 5.0	< 5.0	< 10	< 6.0	< 5.0	< 6.0
TITANIUM UG/L	12	< 6.0	< 3.0	< 3.0	7.0	< 5.0	2.0	< 5.0	< 4.0
VANADIUM UG/L	< 5.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 5.0	< 6.0
ZINC UG/L	< 340	< 240	< 270	< 490	< 220	< 450	< 370	< 330	--
ZIRCONIUM UG/L	ND	< 3.0	< 13	< 11	< 11	< 10	< 8.0	< 5.0	< 8.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

SCHENECTADY COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	424934073575900	SCOTIA(V)-WELL
	B	424800074000001	WEST HILL DEVELOPMENT-WELL #3
SYSTEM(S) ON THIS PAGE..	A	B	
TYPE OF WATER SAMPLED...	DISTRBN	RAW	
DATE.....	12/01/71	02/28/73	
ALUMINUM UG/L	50	13	
ARSENIC UG/L	1	0	
BARIUM UG/L	35	< 27	
BERYLLIUM UG/L	< 2.0	< 4.0	
BICARBONATE MG/L	210	389	
BISMUTH UG/L	< 8.0	< 13	
BORON UG/L	33	160	
CADMIUM UG/L	0	0	
CALCIUM MG/L	70	88	
CARBONATE MG/L	0	0	
CHLORIDE MG/L	43	26	
CHROMIUM UG/L	< 8	< 13	
COBALT UG/L	< 10	< 13	
COLIFORM COL/100 ML	--	--	
COPPER UG/L	22	3.0	
CYANIDE MG/L	0	0	
DISS SOLIDS SUM MG/L	320	637	
FLUORIDE MG/L	.10	.30	
GALLIUM UG/L	< 2.0	< 6.0	
GERMANIUM UG/L	< 8.0	< 13	
HARDNESS TOTAL MG/L	249	310	
HARDNESS NONCARB MG/L	77	0	
IRON UG/L	220	100	
LEAD UG/L	< 8.0	< 13	
LITHIUM UG/L	< 10	120	
MAGNESIUM MG/L	16	22	
MANGANESE UG/L	< 8.0	230	
MBAS MG/L	.03	.02	
MERCURY UG/L	< .50	< .50	
MOLYBDENUM UG/L	< 2.0	< 4.0	
NICKEL UG/L	< 8.0	< 13	
NITRATE AS N MG/L	1.1	0	
NITRITE AS N MG/L	--	--	
NITROGEN NH4 AS N MG/L	--	.60	
NITROGEN NH4+ORG-N MG/L	.06	.31	
PH UNITS	7.7	8.0	
PHENOLS UG/L	1.0	--	
PHOSPHORUS AS P MG/L	.01	.00	
POTASSIUM MG/L	1.5	4.0	
RUBIDIUM UG/L	--	--	
SELENIUM UG/L	0	0	
SILICA MG/L	7.0	12	
SILVER UG/L	< .50	< 2.0	
SODIUM MG/L	20	110	
SPECIFIC COND UMHOS	582	993	
STRONTIUM UG/L	200	2600	
SULFATE MG/L	56	190	
TIN UG/L	< 8.0	< 13	
TITANIUM UG/L	< 4.0	< 13	
VANADIUM UG/L	< 4.0	< 13	
ZINC UG/L	400	0	
ZIRCONIUM UG/L	< 10	< 27	

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

SCHOHARIE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	424235074201900	CENTRAL BRIDGE WATER COMPANY-RESERVOIR
B	424001074203500	COBLESKILL(V)-DOW BROOK RESERVOIR
C	424001074203501	COBLESKILL(V)-DOW BROOK RESERVOIR
D	422855074362900	JEFFERSON-SPRINGS
E	423457074174700	MIDDLEBURG(V)-LITTLE SCHOHARIE CREEK
F	423519074191600	MIDDLEBURG(V)-LITTLE SCHOHARIE CREEK

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	E	E	E	F
TYPE OF WATER SAMPLED...	DISTRBN	RAW	TREATED	DISTRBN	RAW	RAW	RAW	RAW	TREATED
DATE.....	12/11/72	12/07/71	12/07/71	07/17/73	06/26/74	10/15/74	12/23/74	03/26/75	06/26/74
ALUMINUM UG/L	30	170	84	17	50	130	360	1400	40
ARSENIC UG/L	0	1	0	10	0	0	0	1	0
BARIUM UG/L	41	32	27	4.0	17	18	11	19	18
BERYLLIUM UG/L	< .70	< .50	< .50	< 2.0	< .60	< .20	< .40	< .70	< .60
BICARBONATE MG/L	107	89	84	11	41	58	35	26	41
BISMUTH UG/L	< 3.0	< 3.0	< 3.0	< 6.0	< 2.0	< .60	< 2.0	< .50	< 2.0
BORON UG/L	4.0	9.0	9.0	3.0	14	8.0	4.0	13	12
CADMIUM UG/L	0	0	0	0	0	1	0	0	0
CALCIUM MG/L	35	28	28	3.3	19	17	13	12	20
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	6.1	2.5	5.0	.50	4.4	4.1	1.0	2.9	5.4
CHROMIUM UG/L	< 3	< 3	< 3	< 1	< 1	< 1	< 2	1	< 1
COBALT UG/L	< 3.0	< 1.0	< 2.0	< .30	< 2.0	< .40	< 2.0	.50	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	36	130	12	42	1.0	.50	.60	2.0	50
CYANIDE MG/L	0	0	0	0	0	0	.02	0	0
DISS SOLIDS SUM MG/L	136	96	124	20	69	72	52	46	81
FLUORIDE MG/L	.10	.10	1.3	.10	.10	.20	.10	.10	.10
GALLIUM UG/L	< 2.0	< .50	< .50	< .30	< .80	< .20	< .60	.30	< .40
GERMANIUM UG/L	< 5.0	< 5.0	< 6.0	< .60	< 2.0	< .60	< 2.0	< .70	< 2.0
HARDNESS TOTAL MG/L	119	81	81	12	59	53	41	34	62
HARDNESS NONCARB MG/L	31	8	13	3	25	6	12	13	12
IRON UG/L	85	690	18	3300	50	150	200	1100	520
LEAD UG/L	< 3.0	48	< 3.0	.60	< 2.0	2.0	3.0	1.0	40
LITHIUM UG/L	< 10	< 10	< 10	< 2.0	.60	.40	--	2.0	.80
MAGNESIUM MG/L	7.6	2.8	2.8	.80	2.8	2.6	2.1	1.1	2.9
MANGANESE UG/L	6.0	200	6.0	85	2.0	4.0	5.0	25	4.0
MBAS MG/L	.02	.03	.04	0	.01	0	0	0	.02
MERCURY UG/L	< .50	< .50	< .50	.60	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .70	< .50	< .50	< .30	< .80	< .20	< .60	< .20	< .80
NICKEL UG/L	< 3.0	10	3.0	1.0	< 2.0	.70	< 2.0	2.0	2.0
NITRATE AS N MG/L	0	.04	.03	0	.05	.01	.10	.16	.06
NITRITE AS N MG/L	--	--	--	.00	.03	0	0	.01	0
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.31	.70	.24	.01	.13	.07	.13	.10	.07
PH UNITS	7.7	7.6	7.2	6.9	7.7	7.6	7.2	7.2	7.4
PHENOLS UG/L	--	2.0	2.0	--	--	--	--	--	--
PHOSPHORUS AS P MG/L	.01	.08	.20	.00	.01	.01	.01	.02	.01
POTASSIUM MG/L	1.5	1.5	1.5	.40	1.1	1.0	.60	.50	1.0
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	0	1	1	3	0	0	1
SILICA MG/L	.50	2.5	2.3	3.9	4.1	4.2	4.7	4.3	3.8
SILVER UG/L	< .30	< .50	< .50	< .10	< .20	< .04	< .20	< .05	< .20
SODIUM MG/L	5.7	2.8	12	1.0	4.0	3.5	2.7	2.1	4.6
SPECIFIC COND UMHOS	248	173	216	33	145	133	98	81	150
STRONTIUM UG/L	250	62	67	18	55	48	42	32	56
SULFATE MG/L	25	12	38	5.0	13	11	10	10	13
TIN UG/L	< 3.0	< 3.0	< 3.0	< .60	< 2.0	< .60	< 2.0	< .50	9.0
TITANIUM UG/L	< 2.0	6.0	< 2.0	.40	3.0	5.0	18	> 60	4.0
VANADIUM UG/L	< 3.0	< 1.0	< 2.0	< .30	< 1.0	< .40	< 2.0	2.0	< 1.0
ZINC UG/L	< 210	< 220	< 250	260	130	30	0	10	60
ZIRCONIUM UG/L	< 3.0	< 5.0	< 6.0	< .90	< 3.0	< 1.0	< 3.0	3.0	< 3.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

SCHOHARIE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	423519074191600	MIDDLEBURG(V)-LITTLE SCHOHARIE CREEK
B	423553074201100	MIDDLEBURG(V)-LITTLE SCHOHARIE CREEK
C	423824074320101	RICHMONDVILLE(V)-RICHMONDVILLE RESERVOIR
D	423821074342901	RICHMONDVILLE(V)-RICHMONDVILLE RESERVOIR
E	423944074184900	SCHOHARIE(V)-SPRINGS

SYSTEM(S) ON THIS PAGE..	A	A	A	B	C	C	D	D	E
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	DISTRBN	RAW	RAW	TREATED	TREATED	DISTRBN
DATE.....	10/15/74	12/23/74	03/26/75	12/07/71	12/07/71	03/26/75	12/07/71	03/26/75	12/07/71
ALUMINUM UG/L	120	820	1500	760	42	140	250	270	42
ARSENIC UG/L	0	1	2	1	2	0	0	0	1
BARIUM UG/L	15	14	18	18	24	7.0	20	6.0	71
BERYLLIUM UG/L	< .20	< .50	< .20	< .40	< .50	< .10	< .60	< .20	< 2.0
BICARBONATE MG/L	54	36	24	39	64	23	77	26	208
BISMUTH UG/L	< .60	< 2.0	< .50	< 2.0	< 3.0	< .40	< 3.0	< .50	< 6.0
BORON UG/L	8.0	6.0	10	9.0	15	11	11	8.0	< 12
CADMIUM UG/L	0	0	0	0	0	1	0	0	0
CALCIUM MG/L	17	14	11	14	22	11	23	8.6	68
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	6.3	3.7	6.8	5.7	15	10	10	10	14
CHROMIUM UG/L	< 1	< 2	1	2	< 3	< 1	< 3	< 1	< 6
COBALT UG/L	< .40	< 2.0	.50	< .90	< 2.0	< .40	< 2.0	< .50	< 3.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	40	30	28	36	36	15	10	6.0	14
CYANIDE MG/L	0	.02	0	0	0	0	0	.01	0
DISS SOLIDS SUM MG/L	77	57	51	69	101	57	136	65	240
FLUORIDE MG/L	.10	0	.10	1.3	0	.20	.80	.80	.10
GALLIUM UG/L	< .20	< .70	.30	< .90	< 2.0	< .20	< 2.0	< .30	< 2.0
GERMANIUM UG/L	< .60	< 2.0	< .70	< 4.0	< 6.0	< .40	< 7.0	< .50	< 12
HARDNESS TOTAL MG/L	53	44	32	45	70	32	73	26	208
HARDNESS NONCARB MG/L	5	14	12	13	14	14	10	5	37
IRON UG/L	130	600	900	990	580	230	44	60	98
LEAD UG/L	2.0	< 2.0	1.0	2.0	< 2.0	.70	< 2.0	< .30	< 6.0
LITHIUM UG/L	.50	10	2.0	< 10	< 10	.00	< 10	.70	< 10
MAGNESIUM MG/L	2.6	2.1	1.1	2.4	3.7	1.2	3.7	1.1	9.2
MANGANESE UG/L	3.0	120	17	31	24	13	7.0	3.0	< 6.0
MBAS MG/L	.01	0	0	.04	.02	0	.03	0	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .20	< .70	< .20	< .90	< 2.0	< .10	< 2.0	< .20	< 2.0
NICKEL UG/L	.70	< 2.0	2.0	4.0	2.0	.00	< 2.0	.80	< 6.0
NITRATE AS N MG/L	.07	.11	.16	.20	.10	.10	.20	.11	.60
NITRITE AS N MG/L	0	0	.01	--	--	.01	--	.01	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.12	.16	.04	.58	.14	.13	.11	.14	.21
PH UNITS	7.6	7.8	7.1	7.1	7.4	6.9	7.3	7.8	7.7
PHENOLS UG/L	--	--	--	2.0	4.0	--	3.0	--	3.0
PHOSPHORUS AS P MG/L	.01	.02	.02	.11	.01	.02	.00	.01	.40
POTASSIUM MG/L	1.5	.70	.60	1.1	1.0	.50	1.0	.50	1.2
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	2	0	1	0	2	0	0	0	0
SILICA MG/L	4.2	4.7	4.3	4.7	5.1	5.4	5.2	5.7	5.1
SILVER UG/L	< .06	< .20	< .05	< .40	< .50	< .05	< .60	< .05	< 2.0
SODIUM MG/L	5.1	4.0	3.6	5.1	7.7	5.3	20	11	4.0
SPECIFIC COND UMHOS	142	111	89	124	187	98	239	116	411
STRONTIUM UG/L	48	39	33	56	84	31	87	34	1800
SULFATE MG/L	11	9.9	12	15	15	12	26	14	30
TIN UG/L	< 6.6	< 2.0	< .50	< 2.0	< 3.0	< .40	< 3.0	< .50	< 6.0
TITANIUM UG/L	5.0	67	> 60	31	3.0	3.0	< 2.0	.00	< 3.0
VANADIUM UG/L	< .40	2.0	2.0	1.0	< 2.0	< .40	< 2.0	< .50	< 3.0
ZINC UG/L	0	10	10	< 90	< 120	10	< 140	0	< 540
ZIRCONIUM UG/L	< 1.0	3.0	2.0	< 4.0	< 6.0	< .60	< 7.0	< .80	< 12

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

SCHOHARIE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	424519074390800	SHARON SPRINGS(V)-ENGLEVILLE POND
B	424519074390801	SHARON SPRINGS(V)-ENGLEVILLE POND
C	422243074251600	WEST CONESVILLE-SPRINGFED RESERVOIR

SYSTEM(S) ON THIS PAGE...	A	B	C
TYPE OF WATER SAMPLED...	RAW	TREATED	DISTRBN
DATE.....	12/07/71	12/07/71	02/05/73
ALUMINUM UG/L	420	100	19
ARSENIC UG/L	1	1	0
BARIUM UG/L	1<	32	4.0
BERYLLIUM UG/L	< .20	< .60	< .20
BICARBONATE MG/L	2v	129	28
BISMUTH UG/L	< 1.0	< 3.0	< .80
BORON UG/L	3.0	10	6.0
CADMIUM UG/L	0	0	0
CALCIUM MG/L	10	44	8.1
CARBONATE MG/L	0	0	0
CHLORIDE MG/L	1.0	2.7	.90
CHROMIUM UG/L	1	< 3	< 1
COBALT UG/L	< .50	< 2.0	< .80
COLIFORM COL/100 ML	--	--	--
COPPER UG/L	14	13	74
CYANIDE MG/L	0	0	.02
DISS SOLIDS SUM MG/L	33	132	43
FLUORIDE MG/L	0	.10	.10
GALLIUM UG/L	< .20	< .60	< .40
GERMANIUM UG/L	< 3.0	< 7.0	< .80
HARDNESS TOTAL MG/L	26	121	28
HARDNESS NONCARB MG/L	4	15	12
IRON UG/L	650	160	29
LEAD UG/L	15	< 3.0	< .80
LITHIUM UG/L	< 10	10	< 10
MAGNESIUM MG/L	.70	2.7	1.9
MANGANESE UG/L	33	12	1.0
MBAS MG/L	.03	.03	.02
MERCURY UG/L	< .50	< .50	< .50
MOLYBDENUM UG/L	.30	< .60	< .30
NICKEL UG/L	4.0	< 3.0	< .80
NITRATE AS N MG/L	.40	.02	.10
NITRITE AS N MG/L	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--
NITROGEN NH4+ORG-N MG/L	.41	.34	0
PH UNITS	7.1	7.8	7.0
PHENOLS UG/L	2.0	2.0	--
PHOSPHORUS AS P MG/L	.60	.01	.01
POTASSIUM MG/L	.40	1.4	.30
RUBIDIUM UG/L	--	--	--
SELENIUM UG/L	0	2	0
SILICA MG/L	.20	.40	6.4
SILVER UG/L	< .20	< .60	< .08
SODIUM MG/L	.60	3.4	2.1
SPECIFIC COND UMHOS	65	240	67
STRONTIUM UG/L	23	75	18
SULFATE MG/L	5.2	14	13
TIN UG/L	< 1.0	< 3.0	< .80
TITANIUM UG/L	11	11	.96
VANADIUM UG/L	2.0	< 2.0	< .80
ZINC UG/L	< 110	< 310	< 37
ZIRCONIUM UG/L	< 3.0	< 7.0	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

SCHUYLER COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	422126076495400	MONTOUR FALLS(V)-JOHNS CREEK
B	422126076495401	MONTOUR FALLS(V)-JOHNS CREEK
C	422010076471500	OUESSA(V)-WELL
D	422328076525000	WATKINS GLEN(V)-SENECA LAKE
E	422328076525001	WATKINS GLEN(V)-SENECA LAKE

SYSTEM(S) ON THIS PAGE..	A	B	C	D	D	D	D	E	E
TYPE OF WATER SAMPLED...	RAW	TREATED	DISTRBN	RAW	RAW	RAW	RAW	TREATED	TREATED
DATE.....	02/29/72	02/29/72	03/12/74	07/14/71	10/20/71	01/20/72	04/12/72	07/14/71	10/20/71
ALUMINUM UG/L	140	140	6.0	100	23	67	47	31	20
ARSENIC UG/L	1	1	< 1	3	0	1	2	0	0
BARIUM UG/L	19	17	25	22	27	26	31	32	23
BERYLLIUM UG/L	< .60	< .60	< .60	< 3.0	< 2.0	< 2.0	< 5.0	< 3.0	< 2.0
BICARBONATE MG/L	76	76	130	114	104	115	112	110	104
BISMUTH UG/L	< 3.0	< 3.0	< 4.0	< 15	< 10	< 10	< 9.0	< 14	< 10
BORON UG/L	12	12	4.0	15	22	21	< 9.0	14	23
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	32	29	37	45	42	44	47	44	43
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	11	12	4.9	180	180	190	180	190	180
CHROMIUM UG/L	< 7	< 7	< 2	< 10	< 7	< 10	< 20	< 10	< 7
COBALT UG/L	< 3.0	< 3.0	< 2.0	< 5.0	< 10	< 7.0	< 9.0	< 5.0	< 10
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	5.0	3.0	20	73	4.0	9.0	3.0	10	3.0
CYANIDE MG/L	0	0	.01	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	138	138	142	444	440	438	450	452	443
FLUORIDE MG/L	.10	.10	.10	.10	.20	.20	.10	.10	.30
GALLIUM UG/L	< .60	< .60	< .80	< 5.0	< 2.0	< 2.0	< 9.0	< 5.0	< .20
GERMANIUM UG/L	< 7.0	< 7.0	< 3.0	< 20	< 15	< 10	< 20	< 20	< 15
HARDNESS TOTAL MG/L	110	102	125	149	144	149	159	145	146
HARDNESS NONCARB MG/L	46	38	19	56	55	55	67	55	57
IRON UG/L	100	50	6.0	4900	24	39	63	61	45
LEAD UG/L	< 3.0	< 3.0	< 2.0	9.0	< 7.0	< 10	< 9.0	< 7.0	< 7.0
LITHIUM UG/L	< 10	< 10	0	26	30	30	30	27	30
MAGNESIUM MG/L	7.3	7.1	8.0	9.0	9.4	9.5	10	8.5	9.4
MANGANESE UG/L	94	11	< 2.0	23	< 7.0	< 5.0	< 9.0	< 5.0	< 7.0
MBAS MG/L	.02	.01	0	.05	.05	.05	.05	.06	.05
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 2.0	< .80	< 2.0	< 5.0	< 3.0	< 5.0	< 2.0	< 5.0
NICKEL UG/L	< 7.0	< 7.0	< 2.0	< 9.0	< 10	< 7.0	< 5.0	< 8.0	< 10
NITRATE AS N MG/L	.00	.00	.75	.20	.20	.30	.30	.20	.20
NITRITE AS N MG/L	--	--	.01	.01	--	--	--	0	--
NITROGEN NH4 AS N MG/L	--	--	--	.09	--	--	--	.05	--
NITROGEN NH4+ORG-N MG/L	.16	.38	0	.33	.36	.26	.34	.28	.46
PH UNITS	7.3	7.6	7.6	8.2	8.1	7.7	7.8	8.1	8.0
PHENOLS UG/L	2.0	0	--	1.0	6.0	4.0	0	0	--
PHOSPHORUS AS P MG/L	0	0	0	.01	.02	0	.02	.34	.60
POTASSIUM MG/L	1.2	1.2	.70	2.9	3.4	3.0	3.0	3.1	3.1
RUBIDIUM UG/L	--	--	--	< 4.0	--	--	--	< 4.0	--
SELENIUM UG/L	0	0	3	0	0	3	1	0	0
SILICA MG/L	5.5	5.4	6.3	0	.20	.90	.40	.10	.20
SILVER UG/L	< .60	< .60	< .40	< 1.0	< .70	< .70	< 5.0	< 1.0	< .70
SODIUM MG/L	5.4	5.9	2.5	110	110	108	110	110	110
SPECIFIC CND UMHOS	243	246	256	848	834	837	847	865	838
STRONTIUM UG/L	75	72	50	310	360	340	280	330	350
SULFATE MG/L	36	38	18	41	41	44	44	42	43
TIN UG/L	< 7.0	< 7.0	< 4.0	< 10	< 15	< 10	< 9.0	< 10	< 15
TITANIUM UG/L	< 3.0	< 3.0	< 2.0	< 5.0	< 10	< 7.0	< 9.0	< 5.0	< 10
VANADIUM UG/L	< 3.0	< 3.0	< 2.0	< 10	< 7.0	< 7.0	< 9.0	< 10	< 7.0
ZINC UG/L	< 140	< 140	110	< 620	< 650	< 660	< 420	< 600	< 650
ZIRCONIUM UG/L	< 3.0	< 3.0	< 4.0	< 20	< 20	< 20	< 20	< 20	< 20

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

SCHUYLER COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	422328076525001	WATKINS GLEN(V)-SENECA LAKE
SYSTEM(S) ON THIS PAGE..	A	A	
TYPE OF WATER SAMPLED...	TREATED	TREATED	
DATE.....	01/20/72	04/12/72	
ALUMINUM UG/L	42	38	
ARSENIC UG/L	0	2	
BARIUM UG/L	21	31	
BERYLLIUM UG/L	< 2.0	< 5.0	
BICARBONATE MG/L	112	108	
BISMUTH UG/L	< 10	< 9.0	
BORON UG/L	21	12	
CADMIUM UG/L	0	0	
CALCIUM MG/L	44	47	
CARBONATE MG/L	0	0	
CHLORIDE MG/L	180	180	
CHROMIUM UG/L	< 10	< 20	
COBALT UG/L	< 7.0	< 9.0	
COLIFORM COL/100 ML	--	--	
COPPER UG/L	< 2.0	< 2.0	
CYANIDE MG/L	0	0	
DISS SOLIDS SUM MG/L	439	458	
FLUORIDE MG/L	.20	.30	
GALLIUM UG/L	< 2.0	< 9.0	
GERMANIUM UG/L	< 10	< 20	
HARDNESS TOTAL MG/L	151	159	
HARDNESS NONCARB MG/L	54	70	
IRON UG/L	36	33	
LEAD UG/L	< 10	< 9.0	
LITHIUM UG/L	30	20	
MAGNESIUM MG/L	10	10	
MANGANESE UG/L	< 5.0	< 9.0	
MBAS MG/L	.05	.04	
MERCURY UG/L	< .50	< .50	
MOLYBDENUM UG/L	< 3.0	< 5.0	
NICKEL UG/L	< 7.0	< 5.0	
NITRATE AS N MG/L	.40	.40	
NITRITE AS N MG/L	--	--	
NITROGEN NH4 AS N MG/L	--	--	
NITROGEN NH4+ORG-N MG/L	.21	.28	
PH UNITS	7.4	7.8	
PHENOLS UG/L	7.0	0	
PHOSPHORUS AS P MG/L	.02	.35	
POTASSIUM MG/L	3.0	2.9	
RUBIDIUM UG/L	--	--	
SELENIUM UG/L	2	3	
SILICA MG/L	.90	.70	
SILVER UG/L	< .70	< 5.0	
SODIUM MG/L	100	110	
SPECIFIC COND UMHOS	830	844	
STRONTIUM UG/L	320	260	
SULFATE MG/L	45	45	
TIN UG/L	< 10	< 9.0	
TITANIUM UG/L	< 7.0	< 9.0	
VANADIUM UG/L	< 7.0	< 9.0	
ZINC UG/L	< 660	< 420	
ZIRCONIUM UG/L	< 20	< 20	

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

SENECA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	423700076432800	INTERLAKE(V)-WELL
B	425702076550601	JUNIUS PONDS THRUWAY SERVICE AREA-WELLS
C	425702076550600	JUNIUS PONDS THRUWAY SERVICE AREA-WELLS
D	424034076492200	OVID(V)-GROUND WATER
E	424505076500700	ROMULUS-VARICK WD-SENECA LAKE
F	425046079441400	SENECA FALLS(V)-CAYUGA LAKE

SYSTEM(S) ON THIS PAGE..	A	B	B	C	C	D	E	F	F
TYPE OF WATER SAMPLED...	DISTRBN	RAW	RAW	TREATED	TREATED	DISTRBN	DISTRBN	RAW	RAW
DATE.....	03/12/74	09/04/74	02/28/75	09/04/74	02/28/75	02/01/73	02/01/73	07/14/71	10/20/71
ALUMINUM UG/L	30	40	60	40	20	17	11	53	36
ARSENIC UG/L	1	2	1	1	0	0	0	0	0
BARIUM UG/L	25	7.0	< 25	1.0	< 2.0	49	23	35	36
BERYLLIUM UG/L	< .60	< 4.0	< 3.0	< .60	< .60	< 2.0	< 2.0	< 2.0	< 2.0
BICARBONATE MG/L	98	284	233	52	73	220	105	122	119
BISMUTH UG/L	< 4.0	< 12	< 10	< 2.0	< 3.0	< 6.0	< 10	< 10	< 7.0
BORON UG/L	8.0	130	150	130	220	24	11	6.0	14
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	34	530	560	88	120	68	47	43	42
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	6.4	35	39	4.8	5.5	8.0	100	90	89
CHROMIUM UG/L	< 2	< 8	< 10	< 1	< 3	< 6	< 10	< 7	< 7
COBALT UG/L	< 2.0	< 12	< 10	< 2.0	< 3.0	< 6.0	< 10	< 3.0	< 4.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	120	7.0	< 3.0	< .40	2.0	310	120	4.0	< .70
CYANIDE MG/L	0	.01	.01	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	120	1941	2321	359	499	253	436	301	296
FLUORIDE MG/L	.10	1.2	1.0	.10	.30	.10	.50	.10	.10
GALLIUM UG/L	< .80	< 3.0	< 4.0	< .40	< 1.0	< 2.0	< 5.0	< 3.0	< 4.0
GERMANIUM UG/L	< 3.0	< 12	< 15	< 2.0	< 3.0	< 9.0	< 10	< 14	< 7.0
HARDNESS TOTAL MG/L	131	1587	1711	286	374	252	159	142	144
HARDNESS NONCARB MG/L	51	1370	1520	235	314	72	72	41	46
IRON UG/L	90	2100	4300	150	820	140	400	76	46
LEAD UG/L	< 2.0	< 12	< 12	< 2.0	< 3.0	< 6.0	< 10	< 5.0	< 7.0
LITHIUM UG/L	0	27	30	12	16	10	20	4.0	< 10
MAGNESIUM MG/L	8.2	84	76	16	18	20	10	8.3	9.4
MANGANESE UG/L	7.0	40	30	20	30	16	9.0	5.0	< 4.0
MBAS MG/L	.01	.02	0	.01	0	.05	.04	.04	.04
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	1.4	1.8	< .50	< .50
MOLYBDENUM UG/L	< .80	< 4.0	< 3.0	< .60	< .60	2.0	< 3.0	1.0	< 2.0
NICKEL UG/L	< 2.0	< 12	< 8.0	< 2.0	< 2.0	< 5.0	< 10	< 6.0	< 15
NITRATE AS N MG/L	1.1	.01	0	.01	0	3.2	.40	.40	.40
NITRITE AS N MG/L	.01	0	.01	0	.01	--	--	.02	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	.06	--
NITROGEN NH4+ORG-N MG/L	.20	.16	.10	0	.07	0	.08	.48	.35
PH UNITS	7.1	6.8	6.8	6.9	6.3	7.4	7.6	8.1	8.2
PHENOLS UG/L	--	--	--	--	--	--	--	4.0	--
PHOSPHORUS AS P MG/L	.01	0	.01	0	.01	0	0	.02	.02
POTASSIUM MG/L	1.2	2.4	2.5	.40	.90	1.8	3.1	2.8	2.0
RUBIDIUM UG/L	--	--	--	--	--	--	--	< 3.0	--
SELENIUM UG/L	3	< 2	0	2	0	0	1	3	0
SILICA MG/L	3.4	12	12	12	12	6.0	.70	.40	.30
SILVER UG/L	< .40	< 2.0	< 2.0	< .20	< .30	< .60	< 1.0	< .70	< .70
SODIUM MG/L	4.1	17	16	6.9	8.1	3.6	100	56	54
SPECIFIC COND UMHOS	201	5000	2500	500	660	437	831	559	554
STRONTIUM UG/L	77	5300	4200	650	1200	85	290	380	350
SULFATE MG/L	46	1200	1500	200	300	34	43	40	41
TIN UG/L	< 4.0	< 12	< 10	< 2.0	< 3.0	< 6.0	< 10	< 7.0	< 4.0
TITANIUM UG/L	< 2.0	< 8.0	< 8.0	< 2.0	< 2.0	< 3.0	< 5.0	< 3.0	< 4.0
VANADIUM UG/L	< 2.0	< 6.0	< 6.0	< 1.0	< 2.0	< 6.0	< 10	< 7.0	< 4.0
ZINC UG/L	40	20	20	0	0	1700	< 430	< 420	< 670
ZIRCONIUM UG/L	< 4.0	< 12	< 20	< 2.0	< 4.0	< 9.0	< 14	< 15	< 15

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

SENECA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	425046076441400	SENECA FALLS(V)-CAYUGA LAKE
B	425046076441401	SENECA FALLS(V)-CAYUGA LAKE
C	425405076522900	WATERLOO(V)-SENECA RIVER

SYSTEM(S) ON THIS PAGE..	A	A	B	B	B	B	C	C	C
TYPE OF WATER SAMPLED...	RAW	RAW	TREATED	TREATED	TREATED	TREATED	RAW	RAW	RAW
DATE.....	01/19/72	04/12/72	07/14/71	10/20/71	01/19/72	04/12/72	07/14/71	10/20/71	01/19/72
ALUMINUM UG/L	250	48	33	14	78	22	320	120	230
ARSENIC UG/L	0	1	0	0	0	1	0	0	2
BARIUM UG/L	31	33	31	37	34	29	29	35	25
BERYLLIUM UG/L	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 3.0	< 3.0	< 2.0	< 2.0
BICARBONATE MG/L	138	138	119	114	133	125	102	102	122
BISMUTH UG/L	< 7.0	< 7.0	< 10	< 7.0	< 8.0	< 7.0	< 13	< 10	< 9.0
BORON UG/L	13	9.0	4.0	16	14	8.0	11	21	23
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	48	46	42	43	49	48	48	40	45
CARBONATE MG/L	0	0	0	0	0	0	0	1	0
CHLORIDE MG/L	88	92	85	98	89	93	170	180	150
CHROMIUM UG/L	< 7	< 15	< 7	< 7	< 8	< 14	< 10	< 10	< 9
COBALT UG/L	< 7.0	< 15	< 3.0	< 4.0	< 8.0	< 14	< 4.0	< 5.0	< 6.0
COLIFORM CUL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	< 2.0	< 2.0	3.0	6.0	5.0	< 2.0	3.0	< 1.0	< 2.0
CYANIDE MG/L	0	0	0	0	0	0	.01	0	0
DISS SOLIDS SUM MG/L	321	308	294	308	329	310	412	427	405
FLUORIDE MG/L	.20	.10	.10	.20	.10	.10	.10	.20	.10
GALLIUM UG/L	< 2.0	< 7.0	< 3.0	< 4.0	< 2.0	< 7.0	< 4.0	< 5.0	< 2.0
GERMANIUM UG/L	< 7.0	< 15	< 13	< 7.0	< 8.0	< 14	< 20	< 10	< 9.0
HARDNESS TOTAL MG/L	190	156	139	146	163	161	135	138	154
HARDNESS NONCARB MG/L	47	44	41	53	54	58	51	53	53
IRON UG/L	190	24	17	15	35	10	210	67	200
LEAD UG/L	< 7.0	< 7.0	< 5.0	< 7.0	< 8.0	< 7.0	< 6.0	< 10	< 9.0
LITHIUM UG/L	< 10	< 10	4.0	< 10	< 10	< 10	26	30	20
MAGNESIUM MG/L	9.8	10	8.2	9.4	9.8	9.9	8.5	9.3	10
MANGANESE UG/L	6.0	7.0	< 3.0	< 4.0	< 4.0	< 7.0	12	< 5.0	16
MBAS MG/L	.03	.04	.04	.03	.03	.04	.06	.05	.05
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	6.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 3.0
NICKEL UG/L	< 7.0	< 15	< 6.0	< 15	< 8.0	< 14	< 8.0	< 21	< 6.0
NITRATE AS N MG/L	.80	.78	.40	.40	.90	.78	0	0	.40
NITRITE AS N MG/L	--	--	0	--	--	--	.05	--	--
NITROGEN NH4 AS N MG/L	--	--	.09	--	--	--	.18	--	--
NITROGEN NH4+ORG-N MG/L	.27	.32	.32	.24	.35	.17	.60	.61	.22
PH UNITS	8.0	8.3	8.0	7.8	7.8	7.4	7.9	8.3	7.8
PHENOLS UG/L	1.0	2.0	0	0	0	1.0	1.0	4.0	--
PHOSPHORUS AS P MG/L	.02	.04	.01	.01	.01	.03	.04	.03	.02
POTASSIUM MG/L	2.0	1.9	2.8	2.1	2.1	2.0	2.2	3.2	3.0
RUBIDIUM UG/L	--	--	< 3.0	--	--	--	< 3.0	--	--
SELENIUM UG/L	2	3	3	9	3	1	3	0	1
SILICA MG/L	1.2	.80	.30	.30	1.1	.80	.20	.10	1.5
SILVER UG/L	< 2.0	< 2.0	< .70	< .70	< 2.0	< 2.0	< 1.0	< 1.0	< .60
SODIUM MG/L	56	50	56	56	55	50	100	100	92
SPECIFIC COND UMHOS	581	581	559	554	586	578	792	812	758
STRONTIUM UG/L	280	250	280	390	380	230	310	570	300
SULFATE MG/L	47	43	41	43	44	44	41	43	43
TIN UG/L	< 16	< 15	< 7.0	< 4.0	< 14	< 14	< 10	< 5.0	< 9.0
TITANIUM UG/L	10	< 7.0	< 3.0	< 4.0	4.0	< 7.0	4.0	< 5.0	10
VANADIUM UG/L	< 4.0	< 7.0	< 7.0	< 4.0	< 4.0	< 7.0	< 10	< 5.0	< 6.0
ZINC UG/L	< 710	< 680	< 400	< 690	< 720	< 650	< 560	< 950	< 590
ZIRCONIUM UG/L	< 16	< 15	< 15	< 15	< 16	< 14	< 20	< 21	< 20

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

SENECA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	425405076522900	WATERLOO(V)-SENECA RIVER
B	425405076522901	WATERLOO(V)-SENECA RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	B	B	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	TREATED	TREATED	TREATED	TREATED
DATE.....	04/12/72	07/13/72	10/18/72	01/11/73	04/20/73	07/14/71	10/20/71	01/19/72	04/12/72
ALUMINUM UG/L	61	160	51	56	180	88	170	30	19
ARSENIC UG/L	0	1	2	0	0	0	0	0	4
BARIUM UG/L	29	24	29	24	24	31	33	23	30
BERYLLIUM UG/L	< 5.0	< 9.0	< 2.0	< 3.0	< 2.0	< 3.0	< 2.0	< 2.0	< 4.0
BICARBONATE MG/L	116	108	111	114	115	82	91	109	95
BISMUTH UG/L	< 9.0	< 9.0	< 9.0	< 9.0	< 8.0	< 13	< 18	< 9.0	< 8.0
BORON UG/L	10	14	15	13	19	8.0	28	23	14
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	45	41	44	44	46	36	41	47	45
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	150	160	170	180	170	170	180	160	150
CHROMIUM UG/L	< 14	< 9	< 9	< 9	< 10	< 10	< 10	< 9	< 14
COBALT UG/L	< 9.0	< 9.0	< 4.0	< 9.0	< 5.0	< 4.0	< 5.0	< 7.0	< 8.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	< 2.0	3.0	15	14	17	4.0	17	< 2.0	< 2.0
CYANIDE MG/L	0	.02	0	0	.02	0	0	0	0
DISS SOLIDS SUM MG/L	395	400	425	437	428	410	430	429	400
FLUORIDE MG/L	.10	.30	.20	.10	.10	0	.20	.10	.10
GALLIUM UG/L	< 9.0	< 9.0	< 4.0	< 5.0	< 3.0	< 4.0	< 5.0	< 2.0	< 8.0
GERMANIUM UG/L	< 14	< 18	< 19	< 9.0	< 10	< 20	< 10	< 9.0	< 18
HARDNESS TOTAL MG/L	154	143	151	151	155	130	141	154	154
HARDNESS NONCARB MG/L	58	54	60	57	48	63	67	69	76
IRON UG/L	84	120	38	21	41	22	17	5.0	4.0
LEAD UG/L	< 9.0	< 9.0	10	< 9.0	< 10	< 8.0	< 10	< 9.0	< 8.0
LITHIUM UG/L	20	20	40	30	--	28	30	20	20
MAGNESIUM MG/L	10	9.8	9.9	9.4	9.7	8.5	9.5	10	10
MANGANESE UG/L	11	22	< 4.0	< 7.0	< 5.0	< 4.0	< 5.0	< 5.0	< 8.0
MBAS MG/L	.04	.03	.04	.04	.04	.05	.04	.05	.04
MERCURY UG/L	< .50	< .50	< .50	< .50	1.0	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 5.0	< 4.0	< 2.0	< 5.0	< 3.0	< 2.0	< 2.0	< 3.0	< 4.0
NICKEL UG/L	< 5.0	< 9.0	< 4.0	< 9.0	< 7.0	< 8.0	< 20	< 7.0	< 4.0
NITRATE AS N MG/L	.30	.30	.20	.40	.30	0	0	.40	.40
NITRITE AS N MG/L	--	--	--	--	--	.01	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	.07	--	--	--
NITROGEN NH4+ORG-N MG/L	.10	.65	.28	.31	.35	.28	.30	.14	.05
PH UNITS	7.9	8.0	8.3	8.0	8.1	7.5	7.4	7.4	7.4
PHENOLS UG/L	0	--	--	--	--	140	12	--	0
PHOSPHORUS AS P MG/L	.03	.04	.01	.02	.02	0	.01	.00	.01
POTASSIUM MG/L	2.8	2.7	2.9	2.8	2.9	2.6	3.2	3.0	2.8
RUBIDIUM UG/L	--	--	--	--	--	< 3.0	--	--	--
SELENIUM UG/L	3	0	7	2	2	3	0	3	1
SILICA MG/L	.80	.10	.20	.40	.40	.30	.10	1.2	.90
SILVER UG/L	< 5.0	< 2.0	< .90	< .90	< 1.0	< 1.0	< 1.0	< .70	< 4.0
SODIUM MG/L	85	92	100	100	100	100	100	100	85
SPECIFIC COND UMHOS	745	768	798	834	825	808	822	807	749
STRONTIUM UG/L	230	260	350	240	300	260	360	310	230
SULFATE MG/L	44	41	43	43	42	51	51	54	59
TIN UG/L	< 9.0	< 18	< 9.0	< 9.0	< 10	< 10	< 5.0	< 9.0	< 8.0
TITANIUM UG/L	< 9.0	< 9.0	< 4.0	< 9.0	< 10	< 4.0	< 5.0	< 7.0	< 9.0
VANADIUM UG/L	< 9.0	< 9.0	< 4.0	< 9.0	< 7.0	< 10	< 5.0	< 7.0	< 8.0
ZINC UG/L	< 410	< 390	< 600	0	0	< 560	< 930	< 630	< 380
ZIRCONIUM UG/L	< 14	< 18	< 19	< 19	< 15	< 20	< 20	< 20	< 14

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

SENECA COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	425405076522901	WATERLOO(V)-SENECA RIVER
	B	424053076524000	WILLARD WD-SENECA LAKE

SYSTEM(S) ON THIS PAGE...	A	A	A	A	B
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	DISTRBN
DATE.....	07/13/72	10/16/72	01/11/73	04/20/73	02/01/73
ALUMINUM UG/L	100	27	20	42	30
ARSENIC UG/L	0	0	0	0	0
BARIUM UG/L	21	27	22	22	24
BERYLLIUM UG/L	< 9.0	< 2.0	< 3.0	< 2.0	< 2.0
BICARBONATE MG/L	94	106	112	113	107
BISMUTH UG/L	< 9.0	< 9.0	< 10	< 8.0	< 9.0
BORON UG/L	8.0	13	13	17	17
CADMIUM UG/L	0	0	0	0	0
CALCIUM MG/L	40	45	45	47	45
CARBONATE MG/L	0	0	0	0	0
CHLORIDE MG/L	160	160	170	170	180
CHROMIUM UG/L	< 9	< 9	< 10	< 10	< 9
COBALT UG/L	< 4.0	< 4.0	< 10	< 5.0	< 4.0
COLIFORM COL/100 ML	--	--	--	--	--
COPPER UG/L	3.0	46	21	21	110
CYANIDE MG/L	0	0	0	.01	.01
DISS SOLIDS SUM MG/L	399	414	427	430	437
FLUORIDE MG/L	.10	.20	.10	.20	.20
GALLIUM UG/L	< 9.0	< 4.0	< 5.0	< 3.0	< 5.0
GERMANIUM UG/L	< 19	< 19	< 10	< 10	< 9.0
HARDNESS TOTAL MG/L	138	153	152	157	162
HARDNESS NONCARB MG/L	61	66	60	65	74
IRON UG/L	12	31	< 10	15	65
LEAD UG/L	< 9.0	20	18	11	< 9.0
LITHIUM UG/L	20	40	30	--	20
MAGNESIUM MG/L	9.2	9.9	9.7	9.7	12
MANGANESE UG/L	< 19	< 4.0	< 7.0	< 5.0	< 5.0
MBAS MG/L	.03	.04	.04	.05	.05
MERCURY UG/L	< .50	< .50	< .50	2.0	< .50
MOLYBDENUM UG/L	< 4.0	< 2.0	< 5.0	< 3.0	< 3.0
NICKEL UG/L	< 9.0	< 4.0	< 10	< 7.0	< 9.0
NITRATE AS N MG/L	.08	.20	.40	.40	.40
NITRITE AS N MG/L	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.34	.27	.26	.22	.16
PH UNITS	7.6	8.1	7.7	7.9	8.2
PHENOLS UG/L	--	--	--	--	--
PHOSPHORUS AS P MG/L	.01	.01	.01	.01	0
POTASSIUM MG/L	2.8	3.0	2.7	3.0	3.1
RUBIDIUM UG/L	--	--	--	--	--
SELENIUM UG/L	2	1	1	2	1
SILICA MG/L	.10	.20	.40	.30	.70
SILVER UG/L	< 2.0	< .90	< 1.0	< 1.0	< .90
SODIUM MG/L	92	100	100	100	100
SPECIFIC COND UMHOS	772	806	834	830	825
STRONTIUM UG/L	260	330	250	330	290
SULFATE MG/L	48	43	44	44	43
TIN UG/L	< 19	< 9.0	< 10	< 10	< 9.0
TITANIUM UG/L	< 9.0	< 4.0	< 10	< 10	< 5.0
VANADIUM UG/L	< 9.0	< 4.0	< 10	< 7.0	< 9.0
ZINC UG/L	< 390	< 590	< 620	--	< 420
ZIRCONIUM UG/L	< 19	< 19	< 20	< 15	< 14

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

STEUBEN COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	420615077140401	ADDISON(V)-WELLS
B	420615077140400	ADDISON(V)-WELLS
C	420615077140402	ADDISON(V)-WELLS
D	422340077413200	ARKPORT(V)-WELL
E	422433077250200	AVOCA(V)-WELL
F	422005077190600	BATH(V)-WELL
G	421611077361500	CANISTEO(V)-WELL
H	423002077293600	COHOCTON(V)-WELL
I	420833077031200	CORNING(C)-WELLS

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	RAW	TREATED	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN
DATE.....	12/08/70	12/08/70	10/03/72	10/03/72	12/12/72	12/14/71	11/13/73	11/15/73	12/14/71
ALUMINUM UG/L	6.0	6.0	8.0	41	12	33	12	10	6.0
ARSENIC UG/L	0	10	0	1	0	1	1	1	0
BARIUM UG/L	110	100	120	29	55	200	75	110	160
BERYLLIUM UG/L	< .50	< .50	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
BICARBONATE MG/L	134	132	133	162	161	144	200	193	242
BISMUTH UG/L	< 2.0	< 2.0	< 5.0	< 5.0	< 5.0	< 6.0	< 7.0	< 6.0	< 6.0
BORON UG/L	28	31	23	40	70	16	50	80	410
CADMIUM UG/L	0	--	0	0	0	0	0	0	1
CALCIUM MG/L	46	46	52	55	54	64	38	52	81
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	21	22	30	9.1	13	18	7.3	24	48
CHROMIUM UG/L	< 5	< 5	< 5	< 5	< 4	< 3	< 3	< 3	< 6
COBALT UG/L	< 2.0	< 2.0	< 5.0	< 6.0	< 5.0	< 6.0	< 3.0	< 3.0	< 6.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	3.0	50	72	6.0	55	19	45	30	4.0
CYANIDE MG/L	0	0	.01	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	184	181	204	200	228	242	196	234	367
FLUORIDE MG/L	.10	.10	.1	.30	.10	.10	.30	.20	.10
GALLIUM UG/L	ND	ND	< 2.0	< 2.0	< 3.0	< 2.0	< 3.0	< 3.0	< 2.0
GERMANIUM UG/L	< 2.0	< 2.0	< 5.0	< 5.0	< 5.0	< 6.0	< 7.0	< 5.0	< 9.0
HARDNESS TOTAL MG/L	136	136	157	191	211	217	169	196	276
HARDNESS NONCARB MG/L	28	30	48	58	79	58	5	37	75
IRON UG/L	9.0	17	40	14	19	26	20	10	33
LEAD UG/L	< 2.0	< 2.0	3.0	3.0	< .70	< 6.0	< 6.0	< 3.0	< 6.0
LITHIUM UG/L	.60	.60	< 1.0	< 10	< 10	< 10	0	0	< 10
MAGNESIUM MG/L	5.6	5.6	6.7	13	16	14	18	16	14
MANGANESE UG/L	230	170	120	< 2.0	< 3.0	36	< 3.0	< 3.0	48
MBAS MG/L	.02	.02	.02	.05	.03	.02	0	.01	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .90	< .90	< 3.0	< 3.0	< 3.0	< 3.0	< 2.0	< 2.0	< 4.0
NICKEL UG/L	< 3.0	< 3.0	< 5.0	< 5.0	< 5.0	< 6.0	< 3.0	< 3.0	< 8.0
NITRATE AS N MG/L	1.2	1.8	1.3	1.6	3.8	.60	.96	.97	.90
NITRITE AS N MG/L	0	0	--	--	--	--	.00	.00	--
NITROGEN NH4 AS N MG/L	.03	.01	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	--	--	.09	.08	0	.26	.06	.05	11
PH UNITS	7.4	7.4	7.2	7.8	7.8	7.7	8.3	8.0	7.6
PHENOLS UG/L	2.0	0	--	--	--	6.0	--	--	2.0
PHOSPHORUS AS P MG/L	.02	.04	.01	.00	0	.01	.00	.02	.00
POTASSIUM MG/L	2.8	2.8	3.4	.60	.60	1.2	.99	1.6	3.0
RUBIDIUM UG/L	< .60	< .60	--	--	--	--	--	--	--
SELENIUM UG/L	4	4	1	1	4	2	0	0	2
SILICA MG/L	6.2	6.1	6.6	7.5	8.0	7.2	8.0	6.7	8.0
SILVER UG/L	< .20	< .20	< .50	< .50	< .50	< 2.0	< .60	< .50	< .60
SODIUM MG/L	11	11	12	2.2	2.9	7.1	6.0	11	30
SPECIFIC COND UMHOS	332	332	367	342	403	410	421	424	638
STRONTIUM UG/L	77	80	80	31	56	90	66	90	110
SULFATE MG/L	24	21	26	31	48	34	18	27	59
TIN UG/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 6.0	< 7.0	< 5.0	< 9.0
TITANIUM UG/L	< 2.0	< 2.0	< 3.0	< 3.0	< 5.0	< 6.0	< 3.0	< 3.0	< 4.0
VANADIUM UG/L	< 3.0	< 3.0	< 3.0	< 3.0	< 5.0	< 3.0	< 3.0	< 3.0	< 9.0
ZINC UG/L	< 190	< 190	820	< 300	1000	< 520	40	20	< 380
ZIRCONIUM UG/L	ND	ND	< 10	< 10	< 8.0	< 12	< 7.0	< 6.0	< 14

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

STEUBEN COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	420900077040001	CORNING GLASS WORKS*CORNING-PRESSWORK WELL
B	422427077132500	HAMMONDSPORT(V)-KEUKA LAKE
C	422159077394700	HORNELL(C)-CANFINGTON CREEK
D	422159077394701	HORNELL(C)-CANFINGTON CREEK
E	421000077060001	INGERSOLL RAND*PAINTED POST-WELLS 1&4
F	420942077053800	PAINTED POST(V)-WELLS
G	423120077172000	PRATTSBURG-WELL
H	421400077170001	THURSTON-WELL

SYSTEM(S) ON THIS PAGE..	A	B	B	C	D	E	F	G	H
TYPE OF WATER SAMPLED...	RAW	DISTRBN	DISTRBN	RAW	TREATED	RAW	DISTRBN	DISTRBN	RAW
DATE.....	03/14/73	12/14/71	12/12/72	12/14/71	12/14/71	03/14/73	12/14/71	12/12/72	03/06/73
ALUMINUM UG/L	< 3.0	110	170	46	58	17	18	98	52
ARSENIC UG/L	0	0	0	1	0	0	0	0	0
BARIUM UG/L	150	18	14	41	50	420	280	27	7300
BERYLLIUM UG/L	< 2.0	< .70	< .70	< .70	< 1.0	< 3.0	< 2.0	< .50	< 8.0
BICARBONATE MG/L	198	95	92	120	161	268	229	83	212
BISMUTH UG/L	< 6.0	< 2.0	< 3.0	< 4.0	< 5.0	< 8.0	< 5.0	< 3.0	< 25
BORON UG/L	2500	15	14	12	15	49	110	6.0	73
CADMIUM UG/L	0	0	1	0	0	0	0	0	0
CALCIUM MG/L	56	31	30	40	54	83	74	20	130
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	24	9.5	9.2	13	19	32	24	18	520
CHROMIUM UG/L	< 6	< 3	< 2	< 2	< 3	< 8	< 5	< 2	< 25
COBALT UG/L	< 6.0	< 2.0	< 3.0	< 4.0	< 5.0	< 8.0	< 5.0	< 3.0	< 25
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	2.0	14	46	43	24	2.0	17	1200	< 6.0
CYANIDE MG/L	.01	0	.01	.01	0	0	0	.01	0
DISS SOLIDS SUM MG/L	258	134	131	160	214	339	310	108	1143
FLUORIDE MG/L	.40	.10	.10	.10	.10	.10	.10	.10	.20
GALLIUM UG/L	3.0	< .70	< 2.0	< .70	< 1.0	< 4.0	< 2.0	< 2.0	< 10
GERMANIUM UG/L	< 6.0	< 4.0	< 3.0	< 4.0	< 5.0	< 8.0	< 7.0	< 3.0	< 25
HARDNESS TOTAL MG/L	181	112	109	134	184	273	251	68	415
HARDNESS NONCARB MG/L	19	34	33	36	52	53	63	16	241
IRON UG/L	140	110	640	120	18	120	10	150	290
LEAD UG/L	< 6.0	2.0	8.0	< 4.0	< 5.0	< 8.0	< 5.0	2.0	< 22
LITHIUM UG/L	10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	270
MAGNESIUM MG/L	10	8.5	8.2	8.3	12	16	16	4.4	22
MANGANESE UG/L	600	13	18	50	13	150	21	7.0	380
MBAS MG/L	.05	.03	.01	.03	.02	.02	.03	.01	.11
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 3.0	< .70	< 2.0	< 2.0	< 3.0	< 4.0	< 4.0	< 2.0	< 11
NICKEL UG/L	< 6.0	< 4.0	3.0	< 4.0	< 5.0	< 8.0	< 7.0	5.0	< 25
NITRATE AS N MG/L	.40	.20	.30	.50	.80	.60	1.5	.10	.10
NITRITE AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	.35
NITROGEN NH4+ORG-N MG/L	.34	.16	.25	.24	.16	.03	.22	.19	.38
PH UNITS	7.8	7.4	7.4	7.6	7.5	8.2	7.7	7.3	7.6
PHENOLS UG/L	--	--	--	29	--	--	7.0	--	--
PHOSPHORUS AS P MG/L	.01	.01	.00	.01	.01	.01	.01	.00	.01
POTASSIUM MG/L	4.3	2.0	1.9	1.8	1.7	1.6	1.8	.40	4.0
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	2	2	2	4	0	1	0	0
SILICA MG/L	7.0	1.0	1.1	3.7	5.3	11	8.9	6.1	10
SILVER UG/L	< .60	< .30	< .30	< .70	< 1.0	< .80	< .50	< .30	< 3.0
SODIUM MG/L	22	5.3	5.3	5.7	7.5	17	17	12	280
SPECIFIC COND UMHOS	440	237	240	285	375	566	519	190	2250
STRONTIUM UG/L	88	87	75	57	69	160	120	30	1400
SULFATE MG/L	37	30	30	28	34	46	54	16	1.7
TIN UG/L	< 6.0	6.0	< 3.0	< 4.0	< 5.0	< 8.0	< 7.0	< 3.0	< 25
TITANIUM UG/L	< 6.0	3.0	< 3.0	< 4.0	< 5.0	< 8.0	< 4.0	< 3.0	< 17
VANADIUM UG/L	< 6.0	< 2.0	< 3.0	< 2.0	< 3.0	< 8.0	< 7.0	< 3.0	< 25
ZINC UG/L	40	420	1400	< 330	< 450	30	< 320	< 160	730
ZIRCONIUM UG/L	< 13	< 7.0	< 5.0	< 7.0	< 10	< 16	< 15	< 4.0	< 27

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

STEUBEN COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	420239077324900	TROUPSBURG WATER CO-SPRINGS
	B	423406077353200	WAYLAND(V)-WELLS

SYSTEM(S) ON THIS PAGE..	A	B
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN
DATE.....	12/13/71	12/14/71
ALUMINUM UG/L	67	6.0
ARSENIC UG/L	1	0
BARIUM UG/L	43	53
BERYLLIUM UG/L	< 2.0	< 2.0
BICARBONATE MG/L	240	194
BISMUTH UG/L	< 7.0	< 7.0
BORON UG/L	38	12
CADMIUM UG/L	0	0
CALCIUM MG/L	47	70
CARBONATE MG/L	0	0
CHLORIDE MG/L	2.6	31
CHROMIUM UG/L	< 3	< 3
COBALT UG/L	< 7.0	< 7.0
COLIFORM COL/100 ML	--	--
COPPER UG/L	5.0	11
CYANIDE MG/L	0	0
DISS SOLIDS SUM MG/L	257	280
FLUORIDE MG/L	.20	.10
GALLIUM UG/L	< 2.0	< 2.0
GERMANIUM UG/L	< 7.0	< 7.0
HARDNESS TOTAL MG/L	233	241
HARDNESS NONCARB MG/L	31	82
IRON UG/L	48	16
LEAD UG/L	< 7.0	< 7.0
LITHIUM UG/L	30	< 10
MAGNESIUM MG/L	28	18
MANGANESE UG/L	< 7.0	6.0
MBAS MG/L	.01	.05
MERCURY UG/L	< .50	< .50
MOLYBDENUM UG/L	< 3.0	< 3.0
NICKEL UG/L	< 7.0	< 7.0
NITRATE AS N MG/L	.30	3.0
NITRITE AS N MG/L	--	--
NITROGEN NH4 AS N MG/L	--	--
NITROGEN NH4+ORG-N MG/L	.03	0
PH UNITS	7.7	7.6
PHENOLS UG/L	12	1.0
PHOSPHORUS AS P MG/L	.00	.00
POTASSIUM MG/L	2.6	1.1
RUBIDIUM UG/L	--	--
SELENIUM UG/L	8	2
SILICA MG/L	8.0	7.0
SILVER UG/L	< 2.0	< 2.0
SODIUM MG/L	7.4	8.1
SPECIFIC COND UMHOS	440	502
STRONTIUM UG/L	620	80
SULFATE MG/L	40	48
TIN UG/L	< 7.0	< 7.0
TITANIUM UG/L	< 7.0	< 7.0
VANADIUM UG/L	< 3.0	< 3.0
ZINC UG/L	< 640	< 630
ZIRCONIUM UG/L	< 14	< 14

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

SUFFOLK COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	405841072081500	AMAGANSETT WATER CO-WELL
B	405704072470901	R ARTHUR THURM-WELL
C	405704072470900	R ARTHUR THURM-WELL
D	404633073070802	BOHEMIA(D) PATCHOGUE PLANT-WELL #3
E	404633073070803	BOHEMIA(D) PATCHOGUE PLANT-WELL #3
F	404736073160400	BRENTWOOD WD-WELLS
G	405706072241400	COLONY BEACH FRONT ASSOCIATION-WELLS
H	404811073213200	DIX HILLS WD-WELLS
I	404456073255400	EAST FARMINGDALE WD-WELLS

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	DISTRBN	RAW	DISTRBN	RAW	TREATED	DISTRBN	DISTRBN	DISTRBN	DISTRBN
DATE.....	07/13/71	07/21/71	10/15/73	03/09/71	03/09/71	10/23/73	10/15/73	09/24/73	10/23/73
ALUMINUM UG/L	7.0	2.0	8.0	7.0	7.0	20	14	22	35
ARSENIC UG/L	0	3	< 1	0	0	0	0	< 1	0
BARIUM UG/L	37	14	14	3.0	4.0	2.0	6.0	2.0	2.0
BERYLLIUM UG/L	< .80	< .20	< .30	< .07	< .09	< .30	< .30	< .30	< .20
BICARBONATE MG/L	16	15	14	15	20	24	20	22	22
BISMUTH UG/L	< 4.0	< .40	< 2.0	< .70	< .90	< 1.0	< 2.0	< .80	< 1.0
BORON UG/L	30	11	9.0	21	17	3.0	9.0	1.0	6.0
CADMIUM UG/L	0	0	5	--	--	0	0	0	2
CALCIUM MG/L	35	4.7	6.7	3.0	4.3	1.7	6.5	.70	6.5
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	28	7.5	8.4	5.5	6.0	5.1	9.9	3.0	4.7
CHROMIUM UG/L	< 4	1	1	< 1	< 1	< 1	< 1	0	< 1
COBALT UG/L	< 2.0	< .20	< 1.0	< .30	< .40	< 1.0	< 1.0	< .80	< .80
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	25	9.0	14	4.0	34	12	520	13	860
CYANIDE MG/L	0	0	0	0	0	0	.01	0	.01
DISS SOLIDS SUM MG/L	187	49	56	35	41	39	48	31	33
FLUORIDE MG/L	0	0	.20	.10	0	.30	.20	.30	.20
GALLIUM UG/L	< 3.0	< .40	< .60	< .30	< .40	< .50	< .60	< .40	< .40
GERMANIUM UG/L	< 6.0	< .90	< 1.0	< .50	< .60	< 1.0	< 1.0	< .80	< .80
HARDNESS TOTAL MG/L	122	22	27	14	19	6	19	3	17
HARDNESS NONCARB MG/L	104	4	16	1	2	0	3	0	0
IRON UG/L	300	20	47	5.0	4.0	33	200	40	27
LEAD UG/L	4.0	1.0	< 1.0	2.0	.70	< 1.0	11	< .80	50
LITHIUM UG/L	< .30	.20	0	< .05	< .06	0	0	0	0
MAGNESIUM MG/L	8.5	2.4	2.6	1.5	1.9	.50	.70	.30	.30
MANGANESE UG/L	5.0	.70	.80	3.0	3.0	.40	1.0	.80	2.0
MBAS MG/L	.09	.02	0	.01	.01	0	0	0	0
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .80	< .20	< .40	< .20	< .20	< .30	< .40	< .40	< .30
NICKEL UG/L	< 2.0	1.0	< 1.0	< .30	< .40	1.0	2.0	< .80	3.0
NITRATE AS N MG/L	6.2	.80	.94	.70	.70	.67	.88	.10	.14
NITRITE AS N MG/L	.01	0	.00	0	0	.00	.00	.01	.01
NITROGEN NH4 AS N MG/L	.05	.01	--	0	0	--	--	--	--
NITROGEN NH4+ORG-N MG/L	0	.04	.02	--	--	.05	.03	.02	.06
PH UNITS	6.5	6.8	6.5	6.6	6.7	7.6	7.1	7.4	6.9
PHENOLS UG/L	2.0	4.0	--	0	0	--	--	--	--
PHOSPHORUS AS P MG/L	.01	.02	.01	.02	.04	.00	.00	.00	.58
POTASSIUM MG/L	1.0	.60	.50	.40	.50	.30	.60	.30	.40
RUBIDIUM UG/L	1.0	.80	--	1.0	.60	--	--	--	--
SELENIUM UG/L	0	3	1	2	1	10	10	2	0
SILICA MG/L	10	10	11	8.4	9.3	9.0	9.0	6.7	6.4
SILVER UG/L	< .30	< .09	< .20	< .03	.07	< .20	< .20	< .10	< .20
SODIUM MG/L	14	5.4	5.5	4.0	4.1	10	6.5	8.5	3.0
SPECIFIC COND UMHOS	349	85	93	56	65	62	79	46	54
STRONTIUM UG/L	120	18	30	12	14	10	47	5.0	10
SULFATE MG/L	76	10	13	4.1	4.2	0	4.8	0	0
TIN UG/L	< 6.0	< .90	< 1.0	< .70	< .90	< 1.0	< 1.0	< .80	< .80
TITANIUM UG/L	< 3.0	< .40	< .60	< .30	< .60	< .50	< .60	< .60	< .50
VANADIUM UG/L	< 2.0	< .40	< .60	< .30	< .60	< .50	< .60	< .40	< .50
ZINC UG/L	< 220	< 38	60	< 25	< 30	10	30	10	20
ZIRCONIUM UG/L	< 8.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

SUFFOLK COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	403951073042600	FIRE ISLAND PINES WD-WELL
B	411504072015800	FISHERS ISLAND WATER COMPANY-POND
C	411617071492200	FISHERS ISLAND WATER COMPANY-POND
D	405653072570700	GREAT BEACH WATER COMPANY-WELLS
E	405201073213300	GREENLAWN WD-WELLS
F	410635072215100	GREENPORT(V)-WELLS
G	410729072210800	GREENPORT WATER CO-WELL #4

SYSTEM(S) ON THIS PAGE...	A	B	B	C	C	D	E	F	G
TYPE OF WATER SAMPLED...	DISTRBN	RAW	RAW	TREATED	TREATED	DISTRBN	DISTRBN	DISTRBN	RAW
DATE.....	10/04/73	06/12/73	10/04/73	06/12/73	10/04/73	10/19/73	09/24/73	10/01/73	07/21/71
ALUMINUM UG/L	370	--	250	--	870	4.0	20	8.0	4.0
ARSENIC UG/L	0	0	1	0	0	0	0	1	10
BARIUM UG/L	4.0	--	7.0	--	7.0	12	5.0	50	85
BERYLLIUM UG/L	< .40	--	< .50	--	< .60	< .30	< .30	< 3.0	< .70
BICARBONATE MG/L	27	4	7	49	37	12	11	14	10
BISMUTH UG/L	< 1.0	--	< 2.0	--	< 3.0	< 2.0	< .80	< 8.0	< 2.0
BORON UG/L	100	--	12	--	3.0	13	5.0	23	33
CADMIUM UG/L	0	0	2	0	0	0	0	0	0
CALCIUM MG/L	1.5	4.0	3.5	3.0	4.5	5.0	2.5	58	27
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	5.6	22	22	--	24	9.6	5.3	120	18
CHROMIUM UG/L	< 1	--	< 1	--	1	< 1	< 4	< 4	< 2
COBALT UG/L	< 1.0	--	< 2.0	--	< 3.0	< 1.0	< .80	< 8.0	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	35	--	3.0	--	4.0	210	470	760	2.0
CYANIDE MG/L	0	.01	0	.02	.01	0	.01	0	0
DISS SOLIDS SUM MG/L	48	57	62	104	115	46	31	369	159
FLUORIDE MG/L	.20	.30	.40	.20	.50	.20	.30	.50	0
GALLIUM UG/L	< .50	--	< .70	--	< 1.0	< .60	< .40	< 4.0	< 2.0
GERMANIUM UG/L	< 1.0	--	< 2.0	--	< 1.0	< 1.0	< .80	< 8.0	< 4.0
HARDNESS TOTAL MG/L	4	19	19	18	24	22	10	227	109
HARDNESS NONCARB MG/L	0	16	13	0	0	12	1	216	100
IRON UG/L	700	--	820	--	150	8.0	35	530	210
LEAD UG/L	4.0	--	3.0	--	3.0	6.0	5.0	< 8.0	< 4.0
LITHIUM UG/L	10	0	0	0	0	0	0	0	< .30
MAGNESIUM MG/L	.10	2.3	2.4	2.2	3.0	2.3	.90	20	10
MANGANESE UG/L	6.0	--	23	--	12	2.0	3.0	45	10
MBAS MG/L	0	.08	.06	.06	.02	0	0	.01	.08
MERCURY UG/L	.90	3.3	7.0	< .50	1.0	< .50	< .50	.90	< .50
MOLYBDENUM UG/L	< .50	--	< .70	--	< 1.0	< .40	< .40	< 4.0	< .70
NICKEL UG/L	2.0	--	1.0	--	< 3.0	< 1.0	.80	20	4.0
NITRATE AS N MG/L	.01	.19	.05	.35	.04	2.5	1.4	12	8.6
NITRITE AS N MG/L	.00	.01	.01	.05	.02	.00	.01	.00	.01
NITROGEN NH4 AS N MG/L	--	--	--	2.2	--	--	--	--	.09
NITROGEN NH4+ORG-N MG/L	.03	0	.40	.33	1.9	.02	0	.07	0
PH UNITS	7.3	5.8	6.0	7.5	7.4	6.3	6.6	6.3	6.5
PHENOLS UG/L	--	--	--	--	--	--	--	--	4.0
PHOSPHORUS AS P MG/L	.11	.02	.01	.00	0	.01	.00	.00	.01
POTASSIUM MG/L	2.1	1.3	1.4	1.2	1.6	.80	.50	3.0	4.1
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	7.0
SELENIUM UG/L	0	4	2	3	2	0	3	0	5
SILICA MG/L	10	.80	2.8	1.0	1.4	8.4	10	13	11
SILVER UG/L	< .20	--	< .30	--	< .40	< .20	< .10	< 1.0	< .40
SODIUM MG/L	12	13	13	40	31	6.5	4.2	36	9.3
SPECIFIC COND UMHOS	70	107	112	250	223	88	47	698	308
STRONTIUM UG/L	8.0	--	35	--	45	40	20	320	160
SULFATE MG/L	3.2	11	13	29	29	4.5	.20	100	66
TIN UG/L	< 1.0	--	< 2.0	--	< 3.0	< 1.0	< .80	< 8.0	< 4.0
TITANIUM UG/L	12	--	2.0	--	< 1.0	< .60	< .60	< 6.0	< 4.0
VANADIUM UG/L	< .50	--	< .70	--	2.0	< .60	< .40	< 4.0	< 2.0
ZINC UG/L	40	0	50	20	10	10	0	30	< 150
ZIRCONIUM UG/L	< 2.0	--	< 3.0	--	< 4.0	< 2.0	--	< 12	< 7.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

SUFFOLK COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	405211072313000	HAMPTON HAYS WD-WELLS
B	405651072552800	NORTH SHORE(ANTHONY SINI)WATER COMPANY-WELLS
C	405129073071900	PARSNIP POND WATER CO.-WELLS
D	405804072424200	REEVES BEACH WATER SUPPLY-WELLS
E	405512072405000	RIVERHEAD WD-WELL #2
F	405517072393100	RIVERHEAD WD-WELLS
G	403727073154700	ROBERT MOSES STATE PARK FIRE ISLAND-WELL
H	405458072434400	ROLLIN HARRIS-WELL
I	404047073252300	SCWA AMITYVILLE PLANT-GREEN AVENUE WELL #7

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	RAW	DISTRBN	RAW
DATE.....	09/26/73	10/24/73	02/01/72	10/01/73	07/21/71	10/01/73	03/28/72	10/01/73	07/19/71
ALUMINUM UG/L	3.0	8.0	18	5.0	25	25	60	10	15
ARSENIC UG/L	0	0	0	0	0	2	2	< 1	10
BARIUM UG/L	36	19	15	100	2.0	.90	9.0	80	2.0
BERYLLIUM UG/L	< 1.0	< .30	< .60	< 1.0	< .20	< .50	< .50	< 2.0	< .05
BICARBONATE MG/L	63	12	12	10	30	37	9	4	0
BISMUTH UG/L	< 3.0	< 2.0	< 3.0	< 4.0	< .40	< 2.0	< 2.0	< 4.0	< .10
BORON UG/L	63	16	21	43	14	14	21	30	4.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	4.0	5.0	7.0	35	6.8	10	1.0	30	0
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	31	16	8.9	22	5.2	7.5	19	46	3.2
CHROMIUM UG/L	< 2	< 1	< 3	< 2	0	< 1	< 2	< 2	0
COBALT UG/L	< 3.0	< 2.0	< 2.0	< 4.0	< .40	< 2.0	< 2.0	< 4.0	1.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	640	160	400	440	9.8	24	680	110	2.0
CYANIDE MG/L	0	0	0	0	0	0	0	.01	0
DISS SOLIDS SUM MG/L	114	58	55	175	53	62	77	204	15
FLUORIDE MG/L	.30	.20	0	.50	.10	.50	0	.40	0
GALLIUM UG/L	< 2.0	< .60	< .60	< 2.0	< .40	< .80	< .70	< 2.0	< .10
GERMANIUM UG/L	< 3.0	< 2.0	< 3.0	< 4.0	< .80	< 2.0	< 2.0	< 4.0	< .20
HARDNESS TOTAL MG/L	37	22	29	114	24	32	8	108	1
HARDNESS NONCARB MG/L	16	12	19	106	0	1	1	101	1
IRON UG/L	60	70	48	500	570	370	3100	40	450
LEAD UG/L	7.0	4.0	33	9.0	.90	< 2.0	< 2.0	92	2.0
LITHIUM UG/L	0	0	< 10	0	.40	0	< 10	0	.20
MAGNESIUM MG/L	3.5	2.2	2.7	6.5	1.7	1.6	1.4	8.1	.20
MANGANESE UG/L	32	15	10	28	30	20	58	9.0	6.0
MBAS MG/L	0	0	.05	0	.03	.02	.01	0	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< .50	< .60	< 2.0	1.0	< .80	< .70	< 2.0	< .05
NICKEL UG/L	< 3.0	1.0	2.0	4.0	1.0	< 2.0	2.0	4.0	< .20
NITRATE AS N MG/L	3.0	1.8	3.4	9.4	0	.01	0	7.3	0
NITRITE AS N MG/L	.01	.00	--	.00	0	0	--	.00	0
NITROGEN NH4 AS N MG/L	--	--	--	--	.17	--	--	--	.04
NITROGEN NH4+ORG-N MG/L	.03	.06	.01	.05	.08	.04	.29	.05	.24
PH UNITS	6.3	6.3	6.3	6.5	7.2	7.6	6.6	6.2	5.1
PHENOLS UG/L	--	--	2.0	--	0	--	0	--	3.0
PHOSPHORUS AS P MG/L	.00	.00	.02	.00	.02	.04	0	< .01	.06
POTASSIUM MG/L	2.7	1.1	.80	5.4	.80	.60	3.4	3.5	.40
RUBIDIUM UG/L	--	--	--	--	.40	--	--	--	.40
SELENIUM UG/L	0	0	0	0	2	0	0	0	5
SILICA MG/L	12	7.4	12	8.4	14	12	8.6	11	5.4
SILVER UG/L	< .40	< .20	< .30	< .50	< .08	< .30	< .20	< .60	< .02
SODIUM MG/L	25	10	6.6	9.2	4.6	5.7	18	27	2.3
SPECIFIC COND UMHOS	213	113	90	310	71	96	125	384	25
STRONTIUM UG/L	60	34	48	150	22	40	12	120	< 2.0
SULFATE MG/L	16	8.0	7.4	73	5.3	5.4	21	71	3.0
TIN UG/L	< 3.0	< 2.0	7.0	< 4.0	< .80	< 2.0	< 2.0	43	< .20
TITANIUM UG/L	< 2.0	< .70	< 2.0	< 3.0	3.0	< 1.0	4.0	< 3.0	1.0
VANADIUM UG/L	< 2.0	< .70	< 3.0	< 2.0	< .40	< .80	< 1.0	3.0	< .10
ZINC UG/L	80	150	62	120	< 34	20	110	210	20
ZIRCONIUM UG/L	< 4.0	< 2.0	< 7.0	< 5.0	< 2.0	< 3.0	ND	< 6.0	< .50

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

SUFFOLK COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	404322073223300	SCWA BABYLON PLANT-WELL #1
B	404322073223302	SCWA BABYLON PLANT-WELL #3
C	404322073223301	SCWA BABYLON PLANT-WELLS
D	404809073113200	SCWA HAYSHONE PLANT-HALF MILE ROAD WELL #1
E	405721072123000	SCWA EAST HAMPTON PL-BRIDGEHAMPTON RD WELL #2
F	410210071563100	SCWA EAST HAMPTON PLANT-WELLS
G	405307073175101	SCWA NORTHPORT PLANT-WELL #2
H	405307073175201	SCWA NORTHPORT PLANT-WELL #3
I	405307073175100	SCWA NORTHPORT PLANT-WELLS

SYSTEM(S) ON THIS PAGE...	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	RAW	RAW	DISTRBN	RAW	RAW	DISTRBN	RAW	RAW	DISTRBN
DATE.....	11/05/73	11/08/73	11/08/73	07/19/71	07/13/71	09/26/73	11/08/73	11/08/73	11/08/73
ALUMINUM UG/L	10	87	130	8.0	10	5.0	10	8.0	50
ARSENIC UG/L	0	1	1	0	0	0	1	2	< 1
BARIUM UG/L	130	5.0	3.0	7.0	40	40	26	10	26
BERYLLIUM UG/L	< 2.0	< .36	< .40	< .20	< .40	0	< .70	< .30	< .70
BICARBONATE MG/L	82	1	29	17	11	31	13	14	30
BISMUTH UG/L	< 7.0	< 1.0	< 2.0	< .50	< .70	< 3.0	< 3.0	< 2.0	< 4.0
BORON UG/L	270	5.0	6.0	16	30	8.0	7.0	5.0	6.0
CADMIUM UG/L	1	0	0	0	0	0	0	1	0
CALCIUM MG/L	18	3.0	10	4.2	6.3	7.0	20	7.0	24
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	110	16	12	7.2	19	39	20	11	20
CHROMIUM UG/L	< 3	< 1	< 1	1	< 1	< 2	< 2	4	< 2
COBALT UG/L	< 3.0	1.0	1.0	< .50	< .70	< 3.0	< 2.0	< .60	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	7.0	2.0	50	10	70	330	70	40	40
CYANIDE MG/L	.01	0	.01	0	0	0	0	.01	0
DISS SOLIDS SUM MG/L	321	50	60	46	86	141	133	59	140
FLUORIDE MG/L	0	.20	.30	0	0	.40	.20	.20	.20
GALLIUM UG/L	< 4.0	< .50	< .70	< .30	< .70	< 2.0	< 2.0	< .70	< 2.0
GERMANIUM UG/L	< 7.0	< 1.0	< 2.0	< .90	< 2.0	< 3.0	< 3.0	< 2.0	< 4.0
HARDNESS TOTAL MG/L	74	15	30	18	30	34	82	29	92
HARDNESS NONCARB MG/L	12	14	6	4	19	9	72	18	68
IRON UG/L	50	1300	1100	6.0	6.0	530	11	10	40
LEAD UG/L	< 6.0	4.0	2.0	1.0	< 2.0	4.0	8.0	5.0	5.0
LITHIUM UG/L	0	0	0	.20	< .10	0	0	0	0
MAGNESIUM MG/L	6.3	1.9	1.2	1.9	3.5	4.1	7.9	2.9	7.9
MANGANESE UG/L	200	43	42	.70	29	53	< 2.0	1.0	2.0
MBAS MG/L	.11	0	0	.03	.05	0	.01	.01	0
MERCURY UG/L	< .20	< .50	.90	< .30	< .50	< .50	.80	.60	.60
MOLYBDENUM UG/L	< 2.0	< .30	< .40	< .20	< .40	< 2.0	< .70	< .30	< .70
NICKEL UG/L	< 3.0	10	4.0	1.0	< 2.0	3.0	< 2.0	1.0	4.0
NITRATE AS N MG/L	.50	.01	.02	1.6	3.1	.39	9.3	6.8	8.3
NITRITE AS N MG/L	.01	0	.01	0	0	.01	.00	.00	.00
NITROGEN NH4 AS N MG/L	3.0	--	--	.10	.45	--	--	--	--
NITROGEN NH4+ORG-N MG/L	5.0	.08	.01	.09	0	0	.05	.06	.07
PH UNITS	6.1	4.6	6.8	6.6	6.2	6.8	6.2	6.5	7.2
PHENOLS UG/L	--	--	--	3.0	0	--	--	--	--
PHOSPHORUS AS P MG/L	.01	.61	.50	.11	0	.01	.00	.01	.00
POTASSIUM MG/L	5.7	.70	.60	.70	1.5	1.6	2.2	.60	2.2
RUBIDIUM UG/L	--	--	--	.10	2.0	--	--	--	--
SELENIUM UG/L	3	2	0	3	0	2	1	1	1
SILICA MG/L	5.0	7.7	7.4	12	11	19	11	11	11
SILVER UG/L	< .60	< .10	< .20	< .04	< .20	0	< .30	< .20	< .30
SODIUM MG/L	80	8.5	6.5	6.0	18	27	11	7.5	11
SPECIFIC COND UMHOS	615	95	106	75	158	209	251	109	275
STRONTIUM UG/L	240	14	20	30	52	50	140	56	140
SULFATE MG/L	41	11	6.8	4.2	17	7.5	45	9.0	41
TIN UG/L	< 7.0	< 1.0	< 2.0	< .90	< 2.0	< 3.0	< 3.0	< 2.0	< 4.0
TITANIUM UG/L	< 4.0	< .50	3.0	.90	< 2.0	< 2.0	< 2.0	< .70	2.0
VANADIUM UG/L	< 3.0	< .50	< .70	< .30	< .70	< 2.0	< 2.0	< .60	< 2.0
ZINC UG/L	20	30	70	< 41	< 70	40	10	280	30
ZIRCONIUM UG/L	< 7.0	< 1.0	< 2.0	< 2.0	< 4.0	< 4.0	< 3.0	< 2.0	< 4.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

SUFFOLK COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	405337073073601	SCWA PORT JEFFERSON PLANT-OX-HEAD ROAD WELL #1
B	405600073030000	SCWA PORT JEFFERSON PLANT-WELLS
C	405302073153001	SCWA SMITHTOWN-KINGS PK PL-CARLSON AVE WELL#3
D	405302073153002	SCWA SMITHTOWN-KINGS PK PL-CARLSON AVE WELL#5
E	405302073153000	SCWA SMITHTOWN-KINGS PK PL-CARLSON AVE WELLS
F	405054073151002	SCWA SMITHTOWN-KINGS PK PL-COWELL DR WELL
G	405414072232H00	SCWA SOUTHAMPTON PLANT-WELL #4
H	405324073232300	SCWA SOUTHAMPTON PLANT-WELLS
I	404907072385400	SCWA WESTHAMPTON PLANT-WELLS

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	RAW	DISTRIB	RAW	RAW	DISTRIB	RAW	RAW	DISTRIB	DISTRIB
DATE.....	07/19/71	07/19/71	11/08/73	11/08/73	11/04/73	07/19/71	07/13/71	04/26/73	04/26/73
ALUMINUM UG/L	30	17	60	30	100	30	90	75	150
ARSENIC UG/L	0	0	< 1	1	0	0	10	0	2
BARIUM UG/L	40	10	42	40	12	42	37	14	11
BERYLLIUM UG/L	< .20	< .20	< .70	< .20	< .40	< .50	< .50	0	< .60
BICARBONATE MG/L	14	28	14	7	37	17	14	47	51
BISMUTH UG/L	< .30	< .30	< 3.0	< .60	< 2.0	< 1.0	< 2.0	< 3.0	< 2.0
BORON UG/L	10	8.0	24	50	10	42	24	15	12
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	4.0	7.2	9.6	1.0	11	13	19	17	17
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	5.0	3.5	47	5.7	14	19	16	14	6.6
CHROMIUM UG/L	2	1	< 2	< 1	< 1	< 1	< 3	< 1	1
COBALT UG/L	< .30	< .40	< 2.0	.30	< .80	< 1.0	< 2.0	< 2.0	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	50	20	32	85	200	110	90	90	30
CYANIDE MG/L	0	0	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	31	42	128	22	66	101	114	94	74
FLUORIDE MG/L	0	0	.20	.10	.10	0	0	.30	.30
GALLIUM UG/L	< .30	< .30	< 2.0	< .50	< .99	< 1.0	< 2.0	< 1.0	< .80
GERMANIUM UG/L	< .70	< .60	< 3.0	< .80	< 2.0	< 3.0	< 3.0	< 3.0	< 2.0
HARDNESS TOTAL MG/L	15	22	44	6	34	55	70	55	51
HARDNESS NONCARB MG/L	3	0	32	0	3	41	59	17	9
IRON UG/L	60	20	20	10	150	35	70	100	80
LEAD UG/L	.70	< .60	3.0	2.0	100	2.0	< 3.0	< 2.0	12
LITHIUM UG/L	.20	.06	0	0	0	.40	< .70	0	0
MAGNESIUM MG/L	1.2	.90	4.8	.60	1.5	5.5	5.6	3.1	2.0
MANGANESE UG/L	.40	1.0	< 2.0	2.0	3.0	8.0	5.0	9.0	6.0
MBAS MG/L	.02	.01	.01	.01	0	.07	.07	.01	.01
MERCURY UG/L	< .50	< .50	.70	.60	.80	< .59	< .59	< .50	< .50
MOLYBDENUM UG/L	< .20	< .20	< .79	< .20	< .40	< .50	< .59	< 1.0	< .40
NICKEL UG/L	.90	1.0	< 2.0	1.0	2.0	4.0	< 3.0	< 2.0	4.0
NITRATE AS N MG/L	.00	.10	3.3	.46	.98	4.7	3.8	1.6	.78
NITRITE AS N MG/L	0	0	.00	.00	.02	0	.01	.01	.00
NITROGEN NH4 AS N MG/L	.01	.39	--	--	--	.04	.05	--	--
NITROGEN NH4+ORG-N MG/L	.06	.02	.09	.12	.07	0	.01	.01	.01
PH UNITS	6.9	7.4	6.0	6.1	7.5	6.2	6.4	7.9	8.2
PHENOLS UG/L	2.0	3.0	--	--	--	2.0	0	--	--
PHOSPHORUS AS P MG/L	0	0	.01	0	.01	0	.01	.01	.04
POTASSIUM MG/L	.50	.50	2.5	.50	1.0	2.1	1.3	1.5	.49
RUBIDIUM UG/L	< .10	.30	--	--	--	4.0	1.0	--	--
SELENIUM UG/L	3	4	0	0	1	0	0	0	0
SILICA MG/L	13	10	8.2	6.1	9.6	10	11	13	6.2
SILVER UG/L	< .07	< .06	< .30	< .05	< .20	< .30	< .10	0	< .30
SODIUM MG/L	4.3	3.8	29	4.0	9.2	14	8.1	8.2	5.0
SPECIFIC COND UMHOS	53	61	263	36	123	200	213	166	137
STRONTIUM UG/L	10	11	130	10	40	110	62	45	45
SULFATE MG/L	1.7	1.5	17	0	3.8	24	42	16	10
TIN UG/L	< .70	< .60	< 3.0	< .80	200	< 3.0	< 3.0	< 2.0	< 2.0
TITANIUM UG/L	.70	2.0	< 2.0	< .30	7.0	< 3.0	< 2.0	< 2.0	3.0
VANADIUM UG/L	< .30	< .30	< 2.0	< .90	< .80	< 1.0	< 2.0	< 1.0	< 1.0
ZINC UG/L	< 30	< 28	60	10	50	< 96	< 110	40	30
ZIRCONIUM UG/L	< 2.0	< 2.0	< 3.0	< .50	< 2.0	< 3.0	< 5.0	< 4.0	< 3.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

SUFFOLK COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	405130730253300	SELDEN WATER COMPANY INC-WELLS
B	410402072202000	SHELTER ISLAND(T)-SCHOOL WELL
C	405702072533200	SHOREWOOD WATER COMPANY-WELLS
D	404933073253000	SOUTH HUNTINGTON WD-WELL #16
E	404933073253001	SOUTH HUNTINGTON WD-WELLS
F	405220073034000	SUNHILL WATER CORPORATION-WELLS
G	404656072585900	SWAN LAKE WATER CORPORATION-WELLS
H	405100073260001	WOODBURY TRIANGLE CORP-HUNTINGTON-WELLS

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H
TYPE OF WATER SAMPLED...	DISTRBN	RAW	DISTRBN	RAW	DISTRBN	DISTRBN	DISTRBN	RAW
DATE.....	10/13/73	07/21/71	10/19/73	07/21/71	09/24/73	10/19/73	10/23/73	01/29/73
ALUMINUM UG/L	15	13	3.0	4.0	7.0	20	6.0	200
ARSENIC UG/L	< 1	0	0	6	0	< 1	0	0
BARIUM UG/L	5.0	53	21	10	1.0	2.0	9.0	0
BERYLLIUM UG/L	< .30	< .80	< .40	< .07	< .40	< .20	< .30	--
BICARBONATE MG/L	17	33	18	3	31	14	20	14
BISMUTH UG/L	< 1.0	< 2.0	< 2.0	< .20	< 1.0	< 1.0	< 2.0	--
BORON UG/L	10	65	21	5.0	3.0	32	6.0	120
CADMIUM UG/L	1	0	0	0	0	2	0	0
CALCIUM MG/L	4.0	22	9.0	.50	.70	2.7	2.0	3.5
CARBONATE MG/L	0	0	0	0	0	0	0	0
CHLORIDE MG/L	4.2	28	14	5.3	4.2	4.2	14	5.0
CHROMIUM UG/L	1	< 2	< 1	0	1	1	1	0
COBALT UG/L	< 1.0	< 2.0	< 2.0	.30	< 1.0	< 1.0	< 1.0	1.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--
COPPER UG/L	280	40	170	40	47	25	13	0
CYANIDE MG/L	0	--	.01	0	0	.01	0	--
DISS SOLIDS SUM MG/L	35	149	68	19	61	36	52	34
FLUORIDE MG/L	.20	.30	.30	0	.30	.20	.20	.10
GALLIUM UG/L	< .50	< 2.0	< .80	< .20	< .50	< .40	< .60	--
GERMANIUM UG/L	< 1.0	< 4.0	< 2.0	< .30	< 1.0	< 1.0	< 1.0	--
HARDNESS TOTAL MG/L	16	87	32	3	3	10	7	13
HARDNESS NONCARB MG/L	6	50	17	1	0	0	0	1
IRON UG/L	10	1400	68	4.0	90	20	20	60
LEAD UG/L	5.0	6.0	3.0	3.0	750	2.0	< 1.0	--
LITHIUM UG/L	0	1.0	0	.40	0	0	0	--
MAGNESIUM MG/L	1.5	7.9	2.3	.50	.30	.50	.50	1.0
MANGANESE UG/L	3.0	92	2.0	4.0	.50	1.0	2.0	0
MBAS MG/L	0	.11	0	.03	0	0	0	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	--
MOLYBDENUM UG/L	< .50	< .80	< .60	< .07	< .50	< .40	< .40	0
NICKEL UG/L	< 1.0	8.0	< 2.0	1.0	2.0	1.0	< 1.0	7.0
NITRATE AS N MG/L	.17	4.0	2.0	.40	.24	.05	.59	1.3
NITRITE AS N MG/L	.00	.22	.00	0	.00	.00	.00	.00
NITROGEN NH4 AS N MG/L	--	.06	--	.03	--	--	--	.07
NITROGEN NH4+ORG-N MG/L	.03	0	.01	.04	0	.01	.01	--
PH UNITS	6.4	7.2	6.6	5.8	7.4	7.0	7.3	7.3
PHENOLS UG/L	--	4.0	--	4.0	--	--	--	--
PHOSPHORUS AS P MG/L	.06	.01	.01	0	20	.03	.01	.01
POTASSIUM MG/L	.60	2.0	1.0	.70	.40	.30	.60	.40
RUBIDIUM UG/L	--	< .60	--	2.0	--	--	--	0
SELENIUM UG/L	0	2	0	1	2	1	1	1
SILICA MG/L	11	16	10	5.1	4.5	11	7.4	13
SILVER UG/L	< .20	< .40	< .30	< .03	< .20	< .20	< .20	0
SODIUM MG/L	3.7	20	8.0	3.8	13	3.5	13	4.8
SPECIFIC COND UMHOS	48	296	127	32	67	39	92	51
STRONTIUM UG/L	24	110	50	4.0	3.0	17	18	50
SULFATE MG/L	1.7	27	13	.40	.50	.65	3.7	2.5
TIN UG/L	< 1.0	< 4.0	< 2.0	< .30	4.0	< 1.0	< 1.0	--
TITANIUM UG/L	< .50	4.0	< .80	.50	< 1.0	< .40	< .60	--
VANADIUM UG/L	1.0	< 2.0	< .80	< .20	< 1.0	2.0	< .60	0
ZINC UG/L	0	< 160	20	31	0	0	10	0
ZIRCONIUM UG/L	< 1.0	< 8.0	< 3.0	< .70	< 2.0	< 1.0	< 2.0	--

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

SULLIVAN COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	414559075032200	CALLICOON WATER COMPANY-SPRING AND WELL
B	414123074503400	COUNTY CLUB ESTATES-WELLS
C	414455074401000	MURLEYVILLE WD-WELLS
D	414815074553000	JEFFERSONVILLE(V)-LEIKILL CREEK
E	414052074394601	KIAMESHA SPRING WATER CO-KIAMESHA LAKE
F	414052074394600	KIAMESHA SPRING WATER CO-KIAMESHA LAKE&WELLS
G	413631074342300	LAKE LOUISE MARIE-LAKE LOUISE MARIE
H	414931074460200	LIBERTY(V)-REVONAH LAKE & WELL

SYSTEM(S) ON THIS PAGE..	A	B	B	C	D	E	F	G	H
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	RAW	TREATED	DISTRBN	RAW
DATE.....	08/25/72	07/11/73	08/25/72	07/11/73	08/24/71	09/15/71	09/15/71	08/25/72	08/25/71
ALUMINUM UG/L	16	8.0	40	37	38	20	30	140	390
ARSENIC UG/L	0	0	2	0	0	0	5	1	0
BARIUM UG/L	88	95	150	100	110	35	160	12	100
BERYLLIUM UG/L	< .50	< .50	< 2.0	< .50	< .40	< .20	< .30	< .30	.70
BICARBONATE MG/L	31	30	159	29	43	19	62	12	2
BISMUTH UG/L	< 2.0	< 2.0	< 4.0	< 2.0	< 1.0	< .90	< 2.0	< .40	< .30
BORON UG/L	15	19	18	7.0	14	10	15	7.0	8.0
CADMIUM UG/L	0	0	0	0	0	0	0	1	0
CALCIUM MG/L	14	12	38	8.7	14	10	20	7.0	3.0
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	12	6.1	2.4	5.4	5.0	15	16	9.0	1.0
CHROMIUM UG/L	< 2	< 1	< 4	< 1	1	< 1	< 2	< 1	1
COBALT UG/L	< 1.0	< .70	< 3.0	< .00	< 1.0	< .60	< 2.0	< .60	2.0
COLIFORM COL/100 ML *	--	--	--	--	--	--	--	--	--
COPPER UG/L	540	1900	80	200	130	4.0	5.0	20	150
CYANIDE MG/L	.02	.01	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	72	61	155	57	60	59	98	36	16
FLUORIDE MG/L	0	.10	.10	.30	.10	.10	.10	0	0
GALLIUM UG/L	< .70	< .70	< 2.0	< .00	< .40	< .30	< .50	< .40	< .10
GERMANIUM UG/L	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 3.0	< .90	< .50
HARDNESS TOTAL MG/L	44	39	100	32	43	32	64	19	9
HARDNESS NONCARB MG/L	19	15	0	0	6	16	13	9	7
IRON UG/L	220	28	35	140	310	110	240	430	400
LEAD UG/L	3.0	2.0	< 4.0	3.0	3.0	1.0	4.0	1.0	10
LITHIUM UG/L	< 10	0	50	0	< 10	< 10	20	< 10	< 10
MAGNESIUM MG/L	2.2	2.3	6.1	2.4	2.0	1.7	3.5	.40	.30
MANGANESE UG/L	6.0	1.0	44	610	340	56	17	88	240
MBAS MG/L	.02	.01	.01	.02	.02	.03	.02	.02	.01
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .30	< .70	< .80	< .00	< .70	< .60	< 2.0	< .20	< .20
NICKEL UG/L	4.0	2.0	< 4.0	6.0	3.0	2.0	2.0	1.0	5.0
NITRATE AS N MG/L	1.1	1.3	.13	.27	.20	0	.20	0	0
NITRITE AS N MG/L	--	.01	--	.01	0	--	--	--	0
NITROGEN NH4 AS N MG/L	--	--	--	--	.03	--	--	--	.04
NITROGEN NH4+ORG-N MG/L	.36	.07	.06	.07	.20	.47	0	.35	.22
PH UNITS	6.9	6.5	8.2	6.5	7.3	6.4	7.1	6.8	4.8
PHENOLS UG/L	--	--	--	--	0	--	0	--	0
PHOSPHORUS AS P MG/L	.02	.01	.04	1.1	.03	.02	.02	.02	.01
POTASSIUM MG/L	2.2	1.3	1.4	.90	.80	1.0	1.1	.40	.20
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	0	0	0	0	2	4	0
SILICA MG/L	4.2	6.0	10	7.5	4.1	.20	4.8	2.0	.50
SILVER UG/L	< .20	< .20	< .40	< .20	< .01	< .10	< .20	< .10	< .03
SODIUM MG/L	7.3	4.9	20	5.3	2.2	8.5	10	3.8	.40
SPECIFIC CND UMHOS	136	116	262	94	104	114	177	66	40
STRONTIUM UG/L	60	55	1200	52	120	100	680	35	15
SULFATE MG/L	14	12	6.5	11	10	13	12	7.4	10
TIN UG/L	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	3.0	< .90	< .50
TITANIUM UG/L	< 2.0	< 1.0	< 4.0	< 1.0	1.0	< 1.0	2.0	2.0	1.0
VANADIUM UG/L	< 1.0	< .50	< 3.0	< .50	< 1.0	< 1.0	< 2.0	< .00	< .40
ZINC UG/L	< 100	30	< 240	0	< 70	< 60	< 110	< 65	120
ZIRCONIUM UG/L	< 3.0	< 3.0	< 8.0	< 2.0	< 4.0	< 2.0	< 4.0	< 2.0	< 1.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

SULLIVAN COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	414913074460201	LIBERTY(V)-REVONAH LAKE & WELL
B	415305074501900	LIVINGSTON MANOR WD-HARDENSBURGH BROOK
C	414724074464400	LOOMIS WD-SPRING
D	414024074401000	MONTICELLO(V)-KIAMESHA LAKE
E	414024074401001	MONTICELLO(V)-KIAMESHA LAKE
F	413627075034200	NARROWSBURG WD-WELLS
G	415529074553600	ROSCOE(V)-WOODS BROOK
H	413935074484400	SMALLWOOD-WELLS
I	414233074381700	SOUTH FALLSBURG WD-WELLS

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	TREATED	DISTRBN	DISTRBN	RAW	TREATED	DISTRBN	DISTRBN	DISTRBN	DISTRBN
DATE.....	08/25/71	08/25/71	08/25/72	08/26/71	08/26/71	09/16/71	08/25/71	07/11/73	08/26/71
ALUMINUM UG/L	220	70	14	19	57	4.0	41	2.0	6.0
ARSENIC UG/L	0	0	0	2	0	0	0	0	2
BARIUM UG/L	100	62	130	32	33	71	72	200	66
BERYLLIUM UG/L	.10	< .20	< .50	< .30	< .30	< .30	< .20	< .50	< .50
BICARBONATE MG/L	4	9	41	20	15	18	15	30	73
BISMUTH UG/L	< .40	< .50	< 2.0	< 2.0	< 2.0	< 4.0	< .60	< 2.0	< 2.0
BORON UG/L	5.0	6.0	9.0	9.0	12	26	8.0	5.0	12
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	4.5	5.5	17	10	13	11	6.5	9.0	18
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	2.9	2.3	4.5	15	19	10	6.5	1.7	7.7
CHROMIUM UG/L	1	1	< 2	< 2	< 2	< 2	1	< 1	< 2
COBALT UG/L	1.0	< .50	< 2.0	< .30	< .30	< 2.0	< .60	.70	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	320	340	620	5.0	22	140	2.0	2.0	3.0
CYANIDE MG/L	0	0	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	23	26	68	59	71	63	37	45	91
FLUORIDE MG/L	.10	.10	0	.10	.20	0	.10	.20	.10
GALLIUM UG/L	< .20	< .20	< .70	< .30	< .30	< .30	< .20	< .60	< .50
GERMANIUM UG/L	< .60	< .70	< 2.0	< 2.0	< 2.0	< 2.0	< .90	< 2.0	< 2.0
HARDNESS TOTAL MG/L	13	17	48	32	40	42	20	28	59
HARDNESS NONCARB MG/L	10	9	15	16	29	28	7	4	0
IRON UG/L	700	450	80	65	16	54	61	4600	20
LEAD UG/L	9.0	2.0	2.0	6.0	< 2.0	11	.80	4.0	2.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	2.0	< 10
MAGNESIUM MG/L	.40	.70	1.4	1.8	1.9	3.6	.80	1.4	3.5
MANGANESE UG/L	100	100	5.0	55	2.0	2.0	37	110	7.0
MBAS MG/L	0	.03	.01	.03	.02	.04	.04	0	.01
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .20	< .30	< .30	< .60	< .70	< .30	< .40	< .60	< 1.0
NICKEL UG/L	4.0	2.0	4.0	< 2.0	< 2.0	< 2.0	2.0	2.0	< 2.0
NITRATE AS N MG/L	.10	.20	.01	0	0	1.7	.20	.23	.40
NITRITE AS N MG/L	0	0	--	--	--	--	0	.12	0
NITROGEN NH4 AS N MG/L	.03	.04	--	--	--	--	.02	--	.02
NITROGEN NH4+ORG-N MG/L	.14	.38	.29	.36	.27	0	.17	.10	.10
PH UNITS	5.4	6.6	7.6	7.0	6.9	6.1	7.0	6.7	7.5
PHENOLS UG/L	0	0	--	3.0	0	0	0	--	0
PHOSPHORUS AS P MG/L	.01	.02	.01	.02	.20	.01	.02	.00	.04
POTASSIUM MG/L	.30	.40	.60	1.1	1.1	1.7	.50	.60	.80
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	0	0	2	3	0	0	0
SILICA MG/L	1.0	1.2	5.2	0	0	6.5	2.2	6.4	6.7
SILVER UG/L	< .03	< .04	< .20	< .10	< .20	< .20	< .04	< .20	< .10
SODIUM MG/L	1.3	.80	3.3	8.4	8.0	5.1	3.4	2.6	9.3
SPECIFIC CONDUCTANCE UMHOS	46	46	122	118	144	130	67	81	162
STRONTIUM UG/L	22	43	150	190	200	51	42	74	150
SULFATE MG/L	10	10	16	13	20	15	8.6	8.0	8.6
TIN UG/L	< .60	< .70	< 2.0	< 2.0	< 2.0	< 4.0	< .90	< 2.0	< 2.0
TITANIUM UG/L	.80	2.0	< 2.0	< .30	< .30	< 2.0	1.0	3.0	< 2.0
VANADIUM UG/L	< .40	< .50	< 2.0	< .60	< .70	< .70	< .60	.50	< 2.0
ZINC UG/L	100	< 35	< 110	< 92	< 69	< 100	< 40	1300	< 95
ZIRCONIUM UG/L	< 1.0	< 2.0	< 3.0	< 3.0	< 4.0	< 4.0	< 2.0	< 2.0	< 5.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

SULLIVAN COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	414736074493800	WHITE SULPHUR SPRINGS WD-WELLS
B	414349074344200	WOODRIDGE(V)-EAST POND
C	414349074344201	WOODRIDGE(V)-EAST POND
D	413607074290100	WURTSBORO(V)-WELL
E	413543074303400	WURTSBORO HILLS WATER COMPANY-WELLS
F	414818074532700	YOUNGSVILLE WD-SPRINGFED RESERVOIR

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F
TYPE OF WATER SAMPLED...	DISTRBN	RAW	TREATED	DISTRBN	DISTRBN	DISTRBN
DATE.....	09/15/71	08/26/71	08/26/71	09/16/71	07/11/73	08/25/72
ALUMINUM UG/L	5.0	89	61	6.0	85	45
ARSENIC UG/L	7	0	0	8	0	0
BARIUM UG/L	170	71	69	41	80	91
BERYLLIUM UG/L	< .50	< .10	< .10	< .50	< .70	< .20
BICARBONATE MG/L	64	4	5	64	84	16
BISMUTH UG/L	< 5.0	< .40	< .30	< 6.0	< 3.0	< .80
BORON UG/L	13	10	8.0	24	8.0	5.0
CADMIUM UG/L	0	0	0	0	1	0
CALCIUM MG/L	23	2.9	3.0	25	19	9.1
CARBONATE MG/L	0	0	0	0	0	0
CHLORIDE MG/L	11	1.0	2.3	14	1.2	3.0
CHROMIUM UG/L	< 3	1	1	< 3	< 1	< 1
COBALT UG/L	< 3.0	1.0	.70	< 3.0	< 1.0	4.0
COLIFORM COL/100 ML	--	--	--	--	--	--
COPPER UG/L	3.0	110	240	220	10	20
CYANIDE MG/L	0	0	0	.01	0	.01
DISS SOLIDS SUM MG/L	97	17	16	104	82	35
FLUORIDE MG/L	.10	0	.70	.10	.20	0
GALLIUM UG/L	< .50	< .20	< .10	< .50	< 1.0	< .40
GERMANIUM UG/L	< 3.0	< .60	< .50	< 3.0	< 3.0	< .80
HARDNESS TOTAL MG/L	72	9	10	76	68	27
HARDNESS NONCARB MG/L	16	6	5	24	0	14
IRON UG/L	56	1000	600	15	1600	340
LEAD UG/L	2.0	6.0	12	< 3.0	18	1.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	0	< 10
MAGNESIUM MG/L	3.6	.50	.50	3.3	4.9	1.1
MANGANESE UG/L	3.0	140	95	130	14	70
MBAS MG/L	.03	.02	.03	.02	0	.01
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .50	< .30	< .20	< .30	< 1.0	< .20
NICKEL UG/L	< 3.0	4.0	3.0	< 3.0	1.0	2.0
NITRATE AS N MG/L	1.6	0	0	.70	.05	.20
NITRITE AS N MG/L	--	0	0	--	.05	--
NITROGEN NH4 AS N MG/L	--	.05	.05	--	--	--
NITROGEN NH4+ORG-N MG/L	0	.46	.53	.08	.05	.48
PH UNITS	6.7	5.6	5.1	6.5	8.1	7.2
PHENOLS UG/L	0	0	1.0	0	--	--
PHOSPHORUS AS P MG/L	.02	.07	2.3	.02	.01	.02
POTASSIUM MG/L	1.5	.30	.40	2.1	.40	.40
RUBIDIUM UG/L	--	--	--	--	--	--
SELENIUM UG/L	3	0	5	0	0	0
SILICA MG/L	4.9	.10	.10	6.2	5.8	2.8
SILVER UG/L	< .20	< .06	< .03	< .30	< .30	< .10
SODIUM MG/L	6.8	.80	2.5	6.4	3.9	1.0
SPECIFIC COND UMHOS	179	33	45	193	146	56
STRONTIUM UG/L	140	25	22	110	320	82
SULFATE MG/L	11	9.8	1.9	15	5.0	10
TIN UG/L	< 5.0	< .60	< .50	< 6.0	< 3.0	< .80
TITANIUM UG/L	< 3.0	.70	.60	< 3.0	< 2.0	1.0
VANADIUM UG/L	< 1.0	.60	< .40	< 2.0	< 1.0	< .50
ZINC UG/L	220	47	< 25	< 250	500	140
ZIRCONIUM UG/L	< 5.0	< 1.0	< 1.0	< 6.0	< 4.0	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

TIOGA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	421311076201800	CANDOR(V)-WELL
B	421324076110500	NEWARK VALLEY(V)-WELLS
C	420624076150200	OWEGO WATERWORKS COMPANY-WELLS
D	420340076073000	OWEGO WD #2-WELL
E	420340076073001	OWEGO WD #2-WELL
F	420555076140500	OWEGO WD #3-WELLS
G	420336076083600	OWEGO WD #4-WELL
H	420005075323200	WAVERLY(V)-RESERVOIR&WELL

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	RAW	TREATED	DISTRBN	DISTRBN	DISTRBN
DATE.....	03/14/73	02/29/72	02/29/72	03/12/74	03/12/74	02/29/72	03/12/74	02/29/72
ALUMINUM UG/L	< 2.0	2.0	< .90	7.0	7.0	2.0	10	< 2.0
ARSENIC UG/L	0	0	0	1	1	0	1	0
BARIUM UG/L	40	28	34	14	14	41	18	79
BERYLLIUM UG/L	< 2.0	< 1.0	< .90	< .80	< .80	< .90	< 1.0	< 2.0
BICARBONATE MG/L	120	150	130	75	74	130	135	203
BISMUTH UG/L	< 4.0	< 5.0	< 5.0	< 4.0	< 4.0	< 5.0	< 6.0	< 6.0
BORON UG/L	6.0	6.3	10	50	55	12	75	46
CADMIUM UG/L	0	0	0	0	0	0	0	0
CALCIUM MG/L	41	48	43	33	32	41	52	67
CARBONATE MG/L	0	0	0	0	0	0	0	0
CHLORIDE MG/L	12	33	21	24	25	22	36	24
CHROMIUM UG/L	< 4	< 5	< 9	< 2	< 2	< 9	< 3	< 13
COBALT UG/L	< 4.0	< 5.0	< 5.0	< 2.0	< 2.0	< 5.0	< 3.0	< 6.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--
COPPER UG/L	50	9.0	21	2.0	110	550	190	210
CYANIDE MG/L	.01	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	154	212	174	150	150	172	226	270
FLUORIDE MG/L	.10	.10	.10	.30	1.2	.10	.20	.10
GALLIUM UG/L	< 2.0	< 1.0	< .90	< .80	< .80	< .90	< 1.0	< 2.0
GERMANIUM UG/L	< 4.0	< 5.0	< 9.0	< 3.0	< 3.0	< 9.0	< 4.0	< 13
HARDNESS TOTAL MG/L	133	153	140	110	107	134	159	217
HARDNESS NONCARB MG/L	34	30	33	48	46	27	48	50
IRON UG/L	10	< 3.0	6.0	27	15	6.0	220	26
LEAD UG/L	< 4.0	< 5.0	< 5.0	< 2.0	2.0	6.0	32	< 6.0
LITHIUM UG/L	< 10	< 10	< 10	0	0	< 10	0	< 10
MAGNESIUM MG/L	7.4	8.0	7.9	6.7	6.5	7.7	7.0	12
MANGANESE UG/L	< 3.0	< 5.0	< 5.0	5.0	3.0	< 5.0	10	< 6.0
MBAS MG/L	.03	.02	.02	0	0	.01	0	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	9.9	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< .70	< 2.0	1.0	< .80	< 2.0	< 1.0	< 3.0
NICKEL UG/L	< 4.0	< 5.0	< 9.0	2.0	< 2.0	< 9.0	< 3.0	< 14
NITRATE AS N MG/L	3.0	1.9	1.3	3.3	3.3	1.1	3.9	3.6
NITRITE AS N MG/L	--	--	--	.01	0	--	.01	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.04	.07	.06	.03	0	.18	0	.12
PH UNITS	8.0	8.0	8.1	6.2	6.1	7.4	6.7	7.7
PHENOLS UG/L	--	0	0	--	--	0	--	0
PHOSPHORUS AS P MG/L	.01	0	0	.02	.02	0	0	.00
POTASSIUM MG/L	.50	1.1	1.1	1.4	1.4	1.1	1.4	1.6
RUBIDIUM UG/L	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	6	5	2	1	0	2	4
SILICA MG/L	7.3	6.5	6.5	8.4	8.5	6.0	9.4	8.3
SILVER UG/L	< .40	< 1.0	< .90	< .40	< .40	< .90	< .60	< 2.0
SODIUM MG/L	4.3	20	10	10	11	11	19	17
SPECIFIC COND UMHOS	276	395	324	280	284	321	415	494
STRONTIUM UG/L	51	50	65	60	70	78	150	77
SULFATE MG/L	14	20	19	26	25	18	30	32
TIN UG/L	< 4.0	< 10	< 9.0	< 4.0	< 4.0	< 9.0	< 6.0	< 13
TITANIUM UG/L	< 4.0	< 3.0	< 5.0	< 2.0	< 2.0	< 5.0	< 3.0	< 6.0
VANADIUM UG/L	< 4.0	< 3.0	< 5.0	< 2.0	< 2.0	< 5.0	< 3.0	< 6.0
ZINC UG/L	< 240	< 470	< 200	210	30	230	100	< 280
ZIRCONIUM UG/L	< 8.0	< 10	< 5.0	< 4.0	< 4.0	< 5.0	< 6.0	< 6.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

TOMPKINS COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	422633076283300	CORNELL UNIVERSITY-FALL CREEK
B	422922076175400	DRYDEN(V)-SPRINGS&WELLS
C	423525076220700	GROTON(V)-SURFACE WATER
D	422604076290200	ITHACA(C)-SIX MILE CREEK
E	422604076290201	ITHACA(C)-SIX MILE CREEK
F	422952076303701	LANSING(U)-WELL
G	422919076291800	LANSING(U)-WELL
H	423233076394600	TRUMANSBURG(V)-SPRINGS&WELLS

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	RAW	TREATED	RAW	TREATED	DISTRBN
DATE.....	03/14/73	03/07/72	03/07/72	03/07/72	03/07/72	11/06/73	11/06/73	03/07/72
ALUMINUM UG/L	70	4.0	18	3400	13	10	10	5.0
ARSENIC UG/L	0	4	0	4	1	< 1	1	3
BARIUM UG/L	17	160	42	54	21	53	50	41
BERYLLIUM UG/L	< .70	< 3.0	< 3.0	< .60	< .50	< 2.0	< 2.0	< 2.0
BICARBONATE MG/L	64	175	175	59	51	141	142	196
BISMUTH UG/L	< 3.0	< 11	< 11	< 3.0	< 3.0	< 7.0	< 7.0	< 7.0
BORON UG/L	12	11	< 5.0	19	12	9.0	10	50
CADMIUM UG/L	1	0	0	0	0	0	0	1
CALCIUM MG/L	33	49	58	22	21	46	48	71
CARBONATE MG/L	0	0	0	0	0	0	0	0
CHLORIDE MG/L	18	5.8	6.0	8.3	10	75	75	31
CHROMIUM UG/L	< 3	< 11	< 11	6	< 5	< 3	< 3	< 15
COBALT UG/L	< 3.0	< 11	< 11	< 3.0	< 3.0	< 7.0	< 7.0	< 7.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--
COPPER UG/L	10	19	520	10	3.0	11	4.0	7.0
CYANIDE MG/L	.01	0	0	0	0	0	.01	0
DISS SOLIDS SUM MG/L	147	199	197	98	122	292	297	292
FLUORIDE MG/L	.40	.20	.10	.10	.10	.20	.30	.10
GALLIUM UG/L	< 2.0	< 5.0	< 5.0	< .60	< .50	< 3.0	< 3.0	< 2.0
GERMANIUM UG/L	< 3.0	< 23	< 23	< 7.0	< 5.0	< 7.0	< 7.0	< 15
HARDNESS TOTAL MG/L	107	168	186	71	68	156	161	227
HARDNESS NONCARB MG/L	54	24	42	23	27	60	65	88
IRON UG/L	37	62	33	3200	4.0	60	90	83
LEAD UG/L	< 3.0	< 11	< 11	< 3.0	< 3.0	< 7.0	< 7.0	< 7.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	0	0	< 10
MAGNESIUM MG/L	5.9	11	10	4.0	3.9	10	10	12
MANGANESE UG/L	3.0	56	14	120	< 3.0	30	15	< 7.0
MBAS MG/L	.08	0	.03	.01	.02	0	.01	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	.50	< .50
MOLYBDENUM UG/L	1.0	< 3.0	< 3.0	< 2.0	< 2.0	< 3.0	< 3.0	< 4.0
NICKEL UG/L	< 3.0	< 11	< 11	7.0	< 5.0	< 7.0	< 7.0	< 15
NITRATE AS N MG/L	1.2	0	3.0	.90	.80	.47	.47	2.8
NITRITE AS N MG/L	--	--	--	--	--	.08	.00	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	0	0	0	.34	.12	.05	.07	0
PH UNITS	7.2	7.8	7.8	7.7	7.4	7.6	7.7	7.6
PHENOLS UG/L	--	0	0	0	--	--	--	0
PHOSPHORUS AS P MG/L	1.2	.01	0	.08	0	.02	.96	0
POTASSIUM MG/L	1.1	.70	.50	1.6	1.3	2.4	2.3	2.1
RUBIDIUM UG/L	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	6	4	8	1	0	0	2
SILICA MG/L	3.1	11	6.4	4.9	4.4	1.8	1.9	4.7
SILVER UG/L	< .30	< 2.0	< 2.0	< .60	< .50	< 1.0	< 1.0	< 2.0
SODIUM MG/L	6.7	6.7	2.0	4.4	14	45	45	18
SPECIFIC COND UMHOS	247	348	367	156	218	552	543	530
STRONTIUM UG/L	46	160	55	55	48	240	260	110
SULFATE MG/L	45	29	25	23	41	42	43	54
TIN UG/L	< 3.0	< 11	< 11	< 7.0	< 5.0	< 7.0	< 7.0	< 15
TITANIUM UG/L	< 2.0	< 5.0	< 5.0	200	< 3.0	< 3.0	< 3.0	< 7.0
VANADIUM UG/L	< 2.0	< 11	< 11	6.0	< 3.0	< 3.0	< 3.0	< 7.0
ZINC UG/L	--	< 500	< 500	< 140	< 110	80	320	< 310
ZIRCONIUM UG/L	< 5.0	< 23	< 23	3.0	< 3.0	< 10	< 7.0	< 7.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ULSTER COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	414238074230500	ELLENVILLE(V)-WELL&MARATANZA LAKE
B	414249073565700	HIGHLAND WD-HUDSON RIVER
C	414249073565701	HIGHLAND WD-HUDSON RIVER
D	415534074040000	HURLEY WATER COMPANY-SPRING AND WELLS
E	414632074175200	KERHONKSON WD-RESERVOIR AND WELL
F	420021074034700	KINGSTON(C)-WINK HOLLOW CREEK
G	420021074034701	KINGSTON(C)-WINK HOLLOW CREEK
H	413615073581400	MARLBORO WD-BROOKS
I	420226074000300	MOUNT MARION WATER COMPANY-DEEP WELL

SYSTEM(S) ON THIS PAGE	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED	DISTRBN	RAW	TREATED	DISTRBN	DISTRBN	RAW	TREATED	DISTRBN	DISTRBN
DATE	04/06/72	12/15/70	12/15/70	07/12/73	08/24/72	04/07/72	04/07/72	04/06/72	07/12/73
ALUMINUM UG/L	120	26	80	10	21	24	37	43	6.0
ARSENIC UG/L	0	1	0	0	0	5	1	0	10
BARIUM UG/L	10	36	38	50	200	7.0	6.0	< 7.0	78
BERYLLIUM UG/L	< .10	< .10	< .30	< 3.0	< .60	< .10	< .10	< .30	< 2.0
BICARBONATE MG/L	6	58	48	225	54	4	15	32	126
BISMUTH UG/L	< .40	< 1.0	< 1.0	< 9.0	< 2.0	< .40	< .60	< 2.0	< 5.0
BORON UG/L	4.0	14	22	51	11	3.0	4.0	6.0	14
CADMIUM UG/L	1	0	0	0	0	0	0	0	0
CALCIUM MG/L	4.1	23	23	95	20	4.5	7.3	16	50
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	1.0	11	16	62	8.0	1.1	1.5	7.0	7.7
CHROMIUM UG/L	0	14	10	< 4	< 2	0	0	< 2	< 2
COBALT UG/L	< .40	< 2.0	< 2.0	< 4.0	< 2.0	< .40	< .60	< 2.0	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	< 2.0	4.0	5.0	32	450	130	5.0	24	68
CYANIDE MG/L	0	0	0	.01	0	0	0	0	0
DISS SOLIDS SUM MG/L	26	105	112	378	83	25	31	71	189
FLUORIDE MG/L	.10	.10	.10	.20	0	0	0	.10	.30
GALLIUM UG/L	< .20	ND	ND	< 4.0	< .80	< .20	< .30	< .70	< 2.0
GERMANIUM UG/L	< .40	< 2.0	< 2.0	< 9.0	< 2.0	< .40	< .60	< 2.0	< 5.0
HARDNESS TOTAL MG/L	16	73	73	278	64	19	22	46	148
HARDNESS NONCARB MG/L	11	26	34	93	20	12	10	20	45
IRON UG/L	78	110	20	110	460	110	65	58	220
LEAD UG/L	2.0	2.0	< 1.0	< 9.0	5.0	.90	.50	< .70	< 5.0
LITHIUM UG/L	< 10	1.0	2.0	0	< 10	< 10	< 10	< 10	10
MAGNESIUM MG/L	1.3	3.9	3.9	9.9	3.5	1.9	.90	1.5	5.7
MANGANESE UG/L	15	20	8.0	13	20	15	10	13	21
MBAS MG/L	.01	.08	.11	.01	.02	0	0	.01	.02
MERCURY UG/L	< .50	< .50	< .50	1.0	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .10	.60	.60	< 4.0	< .40	< .10	< .10	< .30	< 2.0
NICKEL UG/L	2.0	2.0	2.0	< 4.0	3.0	.60	.70	< 2.0	< 3.0
NITRATE AS N MG/L	.02	.70	.60	2.4	.20	.08	.10	.40	0
NITRITE AS N MG/L	--	.01	0	.00	--	--	--	--	.00
NITROGEN NH4 AS N MG/L	--	.35	.10	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.01	--	--	.01	.23	.14	.09	.24	.13
PH UNITS	6.8	7.3	7.1	7.6	7.2	6.7	8.1	6.7	7.4
PHENOLS UG/L	1.0	7.0	8.0	--	--	--	0	2.0	--
PHOSPHORUS AS P MG/L	0	.29	.05	0	.00	.00	.00	.01	.08
POTASSIUM MG/L	.30	.90	.90	5.0	.90	.20	.50	.50	.50
RUBIDIUM UG/L	--	1.0	1.0	--	--	--	--	--	--
SELENIUM UG/L	0	5	6	3	1	0	0	0	0
SILICA MG/L	3.7	4.5	4.4	9.9	5.9	2.5	2.5	5.1	9.5
SILVER UG/L	< .10	< .10	< .10	< .40	< .20	< .10	< .10	< .30	< .50
SODIUM MG/L	1.2	7.6	7.2	27	3.3	1.2	1.2	4.2	7.3
SPECIFIC COND UMHOS	41	184	198	676	150	42	58	124	317
STRONTIUM UG/L	11	130	140	130	260	15	16	54	140
SULFATE MG/L	11	24	32	56	15	9.5	9.5	20	46
TIN UG/L	< .80	< 2.0	< 2.0	< 9.0	< 2.0	< .40	< .60	< 4.0	< 5.0
TITANIUM UG/L	3.0	1.0	2.0	< 6.0	< 2.0	1.0	2.0	2.0	< 4.0
VANADIUM UG/L	< .40	< 2.0	< 2.0	< 3.0	< 2.0	< .20	< .30	< 2.0	< 2.0
ZINC UG/L	150	< 100	< 100	100	77	34	< 28	82	30
ZIRCONIUM UG/L	< .80	ND	ND	< 13	< 3.0	< .40	< 2.0	< 4.0	< 7.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ULSTER COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	414446074044200	NEW PALTZ(V)-SURFACE WATER
B	420500074185200	PHOENICIA WD-STONEY CLOVE CREEK & INFILT WELL
C	420800074283500	PINE HILL-RESERVOIR
D	415313073573400	PORT EWEN WATER DISTRICT-HUDSON RIVER
E	415313073573401	PORT EWEN WATER DISTRICT-HUDSON RIVER
F	415039074044900	ROSENDALE(V)-RESERVOIRS
G	420450073573600	SAUGERTIES(V)-PLATTEKILL CREEK

SYSTEM(S) ON THIS PAGE..	A	B	C	D	G	E	E	F	G
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	RAW	RAW	TREATED	TREATED	DISTRBN	DISTRBN
DATE.....	04/06/72	07/12/73	08/24/72	04/07/72	02/20/75	04/07/72	02/20/75	04/06/72	04/07/72
ALUMINUM UG/L	43	8.0	24	570	420	62	400	52	34
ARSENIC UG/L	1	0	0	4	0	2	0	1	3
BARIUM UG/L	12	11	18	51	24	33	20	16	7.0
BERYLLIUM UG/L	< .10	< .30	< .40	< .60	< .20	< .60	< .30	< .50	< .10
BICARBONATE MG/L	10	14	20	57	68	56	74	47	10
BISMUTH UG/L	< .50	< .90	< 2.0	< 3.0	< .60	< 3.0	< .70	< 3.0	< .60
BORON UG/L	4.0	6.0	4.0	10	14	12	16	11	5.0
CADMIUM UG/L	0	0	1	0	0	0	1	0	0
CALCIUM MG/L	5.7	5.8	7.8	25	22	30	29	26	4.9
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	5.0	1.5	14	18	12	18	18	12	3.5
CHROMIUM UG/L	0	< 1	< 2	10	2	3	< 1	< 3	< 1
COBALT UG/L	< .50	< .40	< .40	< 3.0	< 1.0	< 3.0	< 1.0	< 3.0	10
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	300	54	2200	17	4.0	1.0	2.0	97	340
CYANIDE MG/L	0	0	0	0	.02	0	.02	0	0
DISS SOLIDS SUM MG/L	31	30	54	111	104	130	127	116	32
FLUORIDE MG/L	0	.20	0	.10	.10	.10	.20	.10	0
GALLIUM UG/L	< .30	< .40	< .60	< 2.0	< .20	< 2.0	< .30	< 2.0	< .30
GERMANIUM UG/L	< .50	< .90	< 2.0	< 3.0	< 1.0	< 3.0	< 1.0	< 3.0	< .60
HARDNESS TOTAL MG/L	17	19	28	81	74	93	91	83	18
HARDNESS NONCARB MG/L	11	3	11	34	19	46	31	44	9
IRON UG/L	83	570	53	640	570	23	70	320	280
LEAD UG/L	28	< .90	6.0	4.0	3.0	< 2.0	< 1.0	< 2.0	15
LITHIUM UG/L	< 10	0	< 10	< 10	2.0	< 10	1.0	< 10	< 10
MAGNESIUM MG/L	1.2	1.1	2.0	4.5	4.7	4.5	4.6	4.4	1.3
MANGANESE UG/L	16	30	15	59	60	3.0	5.0	76	16
MBAS MG/L	.02	.01	.01	.05	.10	.05	.10	.04	0
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .10	< .40	< .30	< .60	< .30	< .60	< .30	< .50	< .10
NICKEL UG/L	.70	1.0	3.0	5.0	2.0	< 3.0	< 1.0	< 3.0	1.0
NITRATE AS N MG/L	.20	.14	.50	.70	.69	.70	.71	1.5	.20
NITRITE AS N MG/L	--	.04	--	--	.01	--	0	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.12	.11	.06	.42	.40	.13	.09	.35	.04
PH UNITS	6.9	6.9	6.6	7.2	7.2	7.3	7.4	7.0	6.8
PHENOLS UG/L	3.0	--	--	2.0	--	2.0	--	6.0	2.0
PHOSPHORUS AS P MG/L	.00	.01	0	.07	.05	0	.01	.01	.00
POTASSIUM MG/L	.40	.40	.40	1.3	1.1	1.2	1.1	.90	.30
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	0	0	0	1	0	0	0	2
SILICA MG/L	1.5	3.3	4.8	5.1	7.1	4.7	4.6	5.4	3.7
SILVER UG/L	< .10	< .10	.20	< .60	< .10	< .60	< .10	< .50	< .10
SODIUM MG/L	2.2	2.2	6.7	6.7	7.8	6.7	7.3	5.7	2.1
SPECIFIC COND UMHOS	57	54	102	203	205	234	235	205	56
STRONTIUM UG/L	16	12	22	140	140	120	160	83	16
SULFATE MG/L	4.4	6.2	8.0	21	17	38	25	35	11
TIN UG/L	23	< .90	< 2.0	< 3.0	< 1.0	< 3.0	< 1.0	< 3.0	< 2.0
TITANIUM UG/L	2.0	< .60	< 2.0	27	13	3.0	3.0	2.0	3.0
VANADIUM UG/L	< .50	< .30	< .40	2.0	1.0	< 2.0	< 1.0	< 3.0	< .60
ZINC UG/L	< 25	250	< 85	< 120	20	< 140	10	< 120	72
ZIRCONIUM UG/L	< 2.0	< 2.0	< 2.0	< 6.0	< 2.0	< 7.0	< 2.0	< 6.0	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

ULSTER COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND NEW SOURCE OF WATER SAMPLED
A	415440074002501	ULSTER #1-WELLS
B	415440074002500	ULSTER #2-WELLS
C	413621074102500	WALLKILL #2-RESERVOIR
D	420223074065700	WOODSTOCK #2-WELLS

SYSTEM(S) ON THIS PAGE...	A	B	C	D
TYPE OF WATER SAMPLED...	RAW	TREATED	DISTRIB	DISTRIB
DATE.....	04/07/72	04/07/72	04/06/72	04/07/72
ALUMINUM UG/L	20	7.0	6.0	<1
ARSENIC UG/L	1	3	2	1
BARIUM UG/L	420	120	2.0	5.0
BERYLLIUM UG/L	< 2.0	< 2.0	< 3.0	< .20
BICARBONATE MG/L	190	141	MR	19
BISMUTH UG/L	< 8.0	< 8.0	< 2.0	< 1.0
BORON UG/L	22	14	2.0	15
CADMIUM UG/L	0	0	0	0
CALCIUM MG/L	64	32	36	7.0
CARBONATE MG/L	0	0	0	0
CHLORIDE MG/L	64	73	7.4	5.7
CHROMIUM UG/L	< 8	< 8	< 2	< 1
COBALT UG/L	< 8.0	< 8.0	< 1.0	< 1.0
COLIFORM COL/100 ML	--	--	--	--
COPPER UG/L	< 2.0	32	41	3200
CYANIDE MG/L	0	0	0	0
DISS SOLIDS SUM MG/L	340	366	138	45
FLUORIDE MG/L	.10	.20	.10	.10
GALLIUM UG/L	< 4.0	< 4.0	< .50	< .20
GERMANIUM UG/L	< 8.0	< 8.0	< 2.0	< 1.0
HARDNESS TOTAL MG/L	244	93	114	22
HARDNESS NONCARB MG/L	58	0	42	6
IRON UG/L	4100	55	17	69
LEAD UG/L	< 4.0	< 4.0	1.0	8.0
LITHIUM UG/L	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	7.4	3.3	5.8	1.1
MANGANESE UG/L	1200	< 8.0	4.0	2.0
MBAS MG/L	.02	.06	.03	.01
MERCURY UG/L	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	4.0	< 2.0	< .50	< .20
NICKEL UG/L	< 8.0	< 8.0	< 1.0	3.0
NITRATE AS N MG/L	.20	.07	4.4	.70
NITRITE AS N MG/L	--	--	--	--
NITROGEN NH4 AS N MG/L	.01	--	--	--
NITROGEN NH4+ORGN MG/L	.71	.38	.07	0
PH UNITS	7.5	7.6	7.4	6.1
PHENOLS UG/L	1.0	2.0	2.0	4.0
PHOSPHORUS AS P MG/L	.06	.13	.01	1.1
POTASSIUM MG/L	1.2	1.0	.70	.50
RUBIDIUM UG/L	--	--	--	--
SELENIUM UG/L	0	0	0	0
SILICA MG/L	10	11	9.4	3.7
SILVER UG/L	< 2.0	< 2.0	< .10	< .20
SODIUM MG/L	29	109	4.9	2.7
SPECIFIC COND UMHOS	418	438	262	83
STRONTIUM UG/L	210	130	32	21
SULFATE MG/L	52	51	26	10
TIN UG/L	< 16	< 17	< 2.0	< 3.0
TITANIUM UG/L	10	< 4.0	< .60	.70
VANADIUM UG/L	< 8.0	< 8.0	< 1.0	< 1.0
ZINC UG/L	< 350	< 350	ND	< 45
ZIRCONIUM UG/L	< 16	< 17	ND	< 3.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

WARREN COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	433333073391600	BOLTON WD-EDGECOMB POND&FINKLE BK RESERVOIR
B	433914073480700	CHESTERTOWN WD-SPRINGS&WELL
C	432523073430700	DIAMOND POINT WATERWORKS-SMITH'S BROOK
D	431836073384100	GLENS FALLS(C)-RESERVOIR
E	434456073300800	HAGUE-SPRINGFED RESERVOIR
F	432614073421400	LAKE GEORGE(V)-LAKE GEORGE

SYSTEM(S) ON THIS PAGE...	A	B	C	D	E	F	F	F	F
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	RAW	RAW	RAW	RAW
DATE.....	11/16/71	11/16/71	01/23/73	09/21/71	03/06/73	01/20/71	07/14/71	10/15/71	01/13/72
ALUMINUM UG/L	35	11	26	56	12	16	10	23	7.0
ARSENIC UG/L	1	0	0	1	0	0	0	0	3
BARIUM UG/L	10	4.0	3.0	6.0	4.0	8.0	8.0	8.0	7.0
BERYLLIUM UG/L	< .20	< .50	< .20	< .07	< .50	< .00	< .20	< .60	< .30
BICARBONATE MG/L	0	58	21	14	40	32	32	33	36
BISMUTH UG/L	< .50	< 2.0	< .90	< .70	< 2.0	< .70	< .60	< 2.0	< 2.0
BORON UG/L	7.0	68	3.0	7.0	5.0	11	4.0	8.0	7.0
CADMIUM UG/L	0	0	0	0	0	--	0	0	0
CALCIUM MG/L	5.2	18	9.1	6.0	16	12	13	13	12
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	1.0	8.3	7.7	1.0	2.1	4.6	4.1	5.0	7.4
CHROMIUM UG/L	1	< 2	< 1	< 1	< 2	< 1	< 2	< 2	< 2
COBALT UG/L	< .50	< 2.0	< .90	< .40	< 2.0	< .70	< .30	< 2.0	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	30	48	12	150	240	29	18	3.0	.50
CYANIDE MG/L	0	0	.01	0	.01	0	0	0	0
DISS SOLIDS SUM MG/L	23	84	50	31	63	51	51	52	59
FLUORIDE MG/L	.10	.10	.30	.10	.10	.10	0	.10	.10
GALLIUM UG/L	< .20	< .50	< .30	< .20	< .60	< .50	< .30	< 2.0	< .10
GERMANIUM UG/L	< .80	< 3.0	< .70	< .40	< 2.0	< .40	< 2.0	< 3.0	< 2.0
HARDNESS TOTAL MG/L	17	59	26	19	50	37	42	41	41
HARDNESS NONCARB MG/L	12	11	9	8	17	11	16	14	12
IRON UG/L	480	110	52	320	87	68	21	54	21
LEAD UG/L	2.0	< 2.0	2.0	3.0	3.0	1.0	1.0	< 2.0	< 2.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	.30	.40	< 10	< 10
MAGNESIUM MG/L	.90	3.3	.90	1.0	2.5	1.8	2.3	2.1	2.7
MANGANESE UG/L	28	6.0	5.0	37	5.0	3.0	5.0	9.0	5.0
MBAS MG/L	.02	.01	.01	.02	.02	0	.02	.01	.01
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .30	< .70	< .30	.40	< .60	< .30	< .30	< .30	< .30
NICKEL UG/L	1.0	< 3.0	< .90	1.0	< 2.0	1.0	< 2.0	1.0	< .60
NITRATE AS N MG/L	0	.10	.03	.10	.70	.02	0	0	.05
NITRITE AS N MG/L	--	--	--	--	--	.01	0	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	.06	.02	--	--
NITROGEN NH4+ORG-N MG/L	.30	.05	.15	.19	.13	--	.22	.17	.11
PH UNITS	6.7	7.4	7.2	6.8	7.0	7.3	7.5	7.1	7.3
PHENOLS UG/L	0	0	--	0	--	0	1.0	0	2.0
PHOSPHORUS AS P MG/L	.01	0	.00	.01	.00	.02	.01	0	.01
POTASSIUM MG/L	.30	.60	.20	.20	1.1	.50	.50	.50	.60
RUBIDIUM UG/L	--	--	--	--	--	2.0	1.0	--	--
SELENIUM UG/L	0	2	1	0	0	4	0	3	2
SILICA MG/L	2.3	14	6.6	4.9	6.5	1.9	1.6	1.6	2.5
SILVER UG/L	< .10	< .10	< .09	< .04	< .20	.40	< .20	< .10	< .30
SODIUM MG/L	.80	4.0	4.9	1.3	2.1	2.2	2.2	2.6	3.5
SPECIFIC COND UMHOS	42	135	83	48	110	98	91	99	106
STRONTIUM UG/L	33	47	26	21	25	36	38	36	46
SULFATE MG/L	9.1	7.3	10	9.1	12	12	12	11	12
TIN UG/L	< .80	< 3.0	< .90	< .70	< 2.0	< .70	< 2.0	< 2.0	< 2.0
TITANIUM UG/L	.90	< 2.0	< .70	2.0	< 1.0	2.0	< 2.0	1.0	< .60
VANADIUM UG/L	< .40	< 2.0	< .70	.50	< 2.0	< .50	< .60	< .60	< .60
ZINC UG/L	80	< 150	< 61	< 50	--	160	< 51	< 62	< 140
ZIRCONIUM UG/L	< 2.0	< 5.0	< 2.0	< 1.0	< 2.0	< 3.0	< .60	< 3.0	< 3.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

WARREN COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	432614073421400	LAKE GEORGE(V)-LAKE GEORGE
B	432614073421401	LAKE GEORGE(V)-LAKE GEORGE

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	B	B	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	TREATED	TREATED	TREATED	TREATED
DATE.....	04/01/72	07/13/72	10/20/72	01/11/73	04/19/73	07/14/71	10/15/71	01/13/72	04/07/72
ALUMINUM UG/L	17	100	15	18	84	15	10	5.0	13
ARSENIC UG/L	0	3	1	0	0	0	0	2	0
BARIUM UG/L	7.0	7.0	7.0	6.0	6.0	4.0	7.0	6.0	6.0
BERYLLIUM UG/L	< .20	< .30	< .40	< .40	< .50	< .10	< .60	< .20	< .20
BICARBONATE MG/L	34	33	33	29	38	32	34	32	32
BISMUTH UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< .50	< 2.0	< 2.0	< 2.0
BORON UG/L	6.0	5.0	5.0	4.0	6.0	4.0	8.0	6.0	7.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	13	12	13	12	14	12	12	11	12
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	6.4	4.8	4.0	5.0	4.5	5.2	4.3	4.5	5.0
CHROMIUM UG/L	< 2	< 2	< 2	< 2	< 2	< 1	< 2	< 2	< 2
COBALT UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< .30	< 2.0	< 2.0	< 2.0
COLIFORM CUL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	.50	1.0	1.0	1.0	.90	15	26	12	16
CYANIDE MG/L	0	0	.01	.01	.01	0	0	0	0
DISS SOLIDS SUM MG/L	60	53	51	51	65	53	51	51	54
FLUORIDE MG/L	.10	0	.10	.10	.10	0	.10	.10	.10
GALLIUM UG/L	< .50	< 2.0	< .60	< .60	< .70	< .30	< 2.0	< .20	< .50
GERMANIUM UG/L	< 2.0	< 3.0	< 2.0	< 2.0	< 2.0	< 1.0	< 3.0	< 2.0	< 2.0
HARDNESS TOTAL MG/L	42	34	42	39	45	34	34	38	39
HARDNESS NONCARB MG/L	14	12	14	16	14	13	11	12	13
IRON UG/L	35	120	25	36	65	110	160	84	77
LEAD UG/L	< .50	2.0	1.0	2.0	< 2.0	.80	< 2.0	< 2.0	< .50
LITHIUM UG/L	< 10	< 10	< 10	< 10	--	.30	< 10	< 10	< 10
MAGNESIUM MG/L	2.4	2.3	2.2	2.2	2.5	2.2	2.2	2.5	2.3
MANGANESE UG/L	6.0	11	6.0	3.0	8.0	8.0	12	6.0	5.0
MBAS MG/L	.02	.01	.01	0	.02	.01	.01	.01	.03
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .20	< .30	< .60	< .60	< .70	< .30	< .30	.70	< .20
NICKEL UG/L	< 2.0	2.0	2.0	< 2.0	< 2.0	< 1.0	1.0	.60	< 2.0
NITRATE AS N MG/L	.10	.04	.02	.03	.20	0	0	.04	.05
NITRITE AS N MG/L	--	--	--	--	--	0	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	.02	--	--	--
NITROGEN NH4+ORG-N MG/L	.08	.27	.30	.10	.15	.30	.34	0	.08
PH UNITS	7.0	7.5	7.5	7.1	7.8	7.3	7.2	7.4	7.0
PHENOLS UG/L	4.0	--	--	--	--	8.0	0	0	2.0
PHOSPHORUS AS P MG/L	.01	.02	.01	.01	.01	.01	0	.01	.08
POTASSIUM MG/L	.50	.40	.60	.30	.40	.40	.50	.60	.50
RUBIDIUM UG/L	--	--	--	--	--	1.0	--	--	--
SELENIUM UG/L	5	0	0	3	2	0	3	2	0
SILICA MG/L	3.0	2.0	1.5	1.4	3.3	3.0	1.5	2.1	2.3
SILVER UG/L	< .20	< .30	< .20	< .20	< .20	< .10	< .10	< .20	< .20
SODIUM MG/L	3.4	2.9	2.5	2.6	4.2	2.2	2.7	2.2	3.0
SPECIFIC COND UMHOS	110	98	94	96	178	95	96	94	98
STRONTIUM UG/L	37	36	41	36	37	30	46	45	37
SULFATE MG/L	13	12	11	13	12	12	11	12	13
TIN UG/L	< 3.0	< 3.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	< 3.0
TITANIUM UG/L	2.0	10	1.0	< 2.0	3.0	.90	< .60	< .50	< .50
VANADIUM UG/L	< 2.0	< .60	< 2.0	< 2.0	< 2.0	< .50	< .60	< .50	< 2.0
ZINC UG/L	< 53	< 130	< 80	0	0	260	350	180	170
ZIRCONIUM UG/L	< 3.0	< 3.0	< 3.0	< 3.0	< 4.0	< .50	< 3.0	< 3.0	< 3.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

WARREN COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	432614073421401	LAKE GEORGE(V)-LAKE GEORGE
B	431909073503200	LUZERNE WD-TWO WELLS AND RESERVOIR
C	434200073591400	NORTH CREEK WD-THREE WELLS
D	434348073495000	PUTTERSVILLE WD-WELLS
E	431626073425500	QUEENSBURY WATER DISTRICT-HUDSON RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	B	C	D	E	E
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	DISTRBN	DISTRBN	DISTRBN	RAW	RAW
DATE.....	07/13/72	10/20/72	01/11/73	04/19/73	11/17/71	01/23/73	10/24/73	05/01/75	05/15/75
ALUMINUM UG/L	38	12	18	26	23	9.0	18	160	170
ARSENIC UG/L	0	0	0	0	3	0	< 1	1	0
BARIUM UG/L	6.0	6.0	5.0	5.0	3.0	8.0	4.0	12	13
BERYLLIUM UG/L	< .20	< .40	< .40	< .40	< .30	< .60	< 2.0	< .06	< .06
BICARBONATE MG/L	30	33	30	31	13	67	61	9	8
BISMUTH UG/L	< 1.0	< 2.0	< 2.0	< 2.0	< .98	< 3.0	< 5.0	< .30	< .20
BORON UG/L	3.0	3.0	4.0	5.0	7.0	13	14	7.0	9.0
CADMIUM UG/L	0	0	0	0	0	0	3	0	0
CALCIUM MG/L	12	13	14	13	9.1	29	28	5.2	5.9
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	5.3	5.0	5.2	6.0	1.0	17	91	2.0	2.8
CHROMIUM UG/L	< 1	< 2	< 2	< 2	1	< 3	< 3	< 1	< 1
COBALT UG/L	< 1.0	< 2.0	< 2.0	< 2.0	< .98	< 3.0	< 5.0	< .20	< .20
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	19	23	12	42	22	150	43	1.0	2.0
CYANIDE MG/L	0	.01	0	0	0	0	--	.01	.01
DISS SOLIDS SUM MG/L	51	52	55	53	51	119	224	28	29
FLUORIDE MG/L	.10	.10	.10	.20	.10	.10	.20	.10	.10
GALLIUM UG/L	< 1.0	< .60	< .60	< .60	< .30	< .98	< 3.0	< .10	< .10
GERMANIUM UG/L	< 3.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 5.0	< .30	< .30
HARDNESS TOTAL MG/L	34	42	44	41	31	88	88	17	19
HARDNESS NONCARB MG/L	14	14	19	16	6	34	38	9	13
IRON UG/L	160	300	180	740	44	9.0	70	150	200
LEAD UG/L	< 1.0	2.0	2.0	< 2.0	3.0	< 3.0	8.0	1.0	.40
LITHIUM UG/L	< 10	< 10	< 10	--	< 10	< 10	0	.30	.40
MAGNESIUM MG/L	2.1	2.2	2.2	2.1	2.6	3.9	4.3	.90	1.1
MANGANESE UG/L	9.0	15	5.0	11	6.0	4.0	3.0	30	35
MBAS MG/L	.01	.01	.01	.01	.01	.02	0	0	0
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .20	< .60	< .60	< .60	< .40	< .98	< 3.0	.10	.20
NICKEL UG/L	1.0	2.0	2.0	< 2.0	< 2.0	< 3.0	< 5.0	.40	.60
NITRATE AS N MG/L	0	.02	.06	.02	0	1.5	1.4	.41	.33
NITRITE AS N MG/L	--	--	--	--	--	--	.00	.01	.01
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.18	.20	.19	.34	.30	.04	.03	.15	.13
PH UNITS	7.2	7.5	7.1	7.4	7.2	7.1	7.6	7.0	6.9
PHENOLS UG/L	--	--	--	--	0	--	--	--	--
PHOSPHORUS AS P MG/L	.01	.01	.00	.02	.04	.00	.00	.01	.01
POTASSIUM MG/L	.40	.40	.40	.30	.50	1.0	2.4	.30	.30
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	0	2	1	0	1	0	0	0
SILICA MG/L	2.1	1.3	2.0	2.1	11	15	14	6.0	5.4
SILVER UG/L	< .20	< .20	< .20	< .20	< .10	< .30	< .40	< .05	< .04
SODIUM MG/L	2.4	2.5	2.8	2.8	1.4	5.7	43	1.4	1.7
SPECIFIC COND UMHOS	96	97	98	96	76	213	436	49	48
STRONTIUM UG/L	31	38	36	32	19	95	160	31	28
SULFATE MG/L	12	11	13	11	8.7	12	10	7.6	7.1
TIN UG/L	< 3.0	< 2.0	< 2.0	< 2.0	< 2.0	< 3.0	< 5.0	< .30	< .30
TITANIUM UG/L	2.0	1.0	< 2.0	< 2.0	< .60	< 2.0	< 3.0	3.0	4.0
VANADIUM UG/L	< .50	< 2.0	< 2.0	< 2.0	.70	< 2.0	< 3.0	.30	.40
ZINC UG/L	270	500	170	440	< 90	< 170	860	10	10
ZIRCONIUM UG/L	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 4.0	< 8.0	< .60	< .60

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

WARREN COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND NEW SOURCE OF WATER SAMPLED
A	431626073425501	QUEENSBURY WATER DISTRICT-HUDSON RIVER
B	432052073390400	QUEENSBURY WATER DISTRICT-WELLS
C	432932073460800	WARRENSBURG RD-RESERVOIR

SYSTEM(S) ON THIS PAGE..	A	A	B	C
TYPE OF WATER SAMPLED...	TREATED	TREATED	DISTRBN	DISTRBN
DATE.....	05/01/75	05/15/75	11/17/71	11/17/71
ALUMINUM UG/L	500	240	3.0	44
ARSENIC UG/L	1	1	0	3
BARIUM UG/L	7.0	11	56	8.0
BERYLLIUM UG/L	< .07	< .05	< 2.0	< .30
BICARBONATE MG/L	15	2	213	27
BISMUTH UG/L	< .30	< .20	< 5.0	< .40
BORON UG/L	5.0	6.0	8.0	10
CADMIUM UG/L	2	1	0	0
CALCIUM MG/L	5.5	5.2	67	9.0
CARBONATE MG/L	0	0	0	0
CHLORIDE MG/L	5.1	4.9	28	3.4
CHROMIUM UG/L	< 1	< 1	< 5	< 1
COBALT UG/L	< .20	< .10	< 5.0	< .40
COLIFORM COL/100 ML	--	--	--	--
COPPER UG/L	1.0	20	240	770
CYANIDE MG/L	0	.01	0	0
DISS SOLIDS SUM MG/L	58	31	276	52
FLUORIDE MG/L	.20	.10	.10	.20
GALLIUM UG/L	< .10	< .10	< 2.0	< .10
GERMANIUM UG/L	< .30	< .30	< 7.0	< 2.0
HARDNESS TOTAL MG/L	17	18	229	30
HARDNESS NONCARB MG/L	5	16	54	8
IRON UG/L	17	60	180	420
LEAD UG/L	.50	4.0	< 4.0	2.0
LITHIUM UG/L	.30	.40	< 10	< 10
MAGNESIUM MG/L	.98	1.1	15	1.4
MANGANESE UG/L	13	24	90	53
MBAS MG/L	0	0	.02	.03
MERCURY UG/L	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< .10	.20	< 2.0	< .40
NICKEL UG/L	.30	.60	< 7.0	2.0
NITRATE AS N MG/L	.43	.38	.29	.20
NITRITE AS N MG/L	.01	.01	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.01	.06	.27	.12
PH UNITS	6.9	5.2	7.9	6.9
PHENOLS UG/L	--	--	0	0
PHOSPHORUS AS P MG/L	0	.01	.92	0
POTASSIUM MG/L	.20	.40	1.5	.70
RUBIDIUM UG/L	--	--	--	--
SELENIUM UG/L	0	0	0	1
SILICA MG/L	5.8	5.5	12	11
SILVER UG/L	< .05	< .03	< .40	.30
SODIUM MG/L	6.1	1.6	14	2.4
SPECIFIC COND UMHOS	85	56	482	79
STRONTIUM UG/L	29	29	220	33
SULFATE MG/L	16	11	33	9.3
TIN UG/L	< .30	< .20	< 7.0	< 2.0
TITANIUM UG/L	.20	.40	< 4.0	.90
VANADIUM UG/L	< .20	.20	< 4.0	< .80
ZINC UG/L	20	30	< 450	< 85
ZIRCONIUM UG/L	< .60	< .50	< 15	< 3.9

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

WASHINGTON COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND MAJOR SOURCE OF WATER SAMPLED
A	431409073293000	ARGYLE(V)-SUMMIT LAKE
B	430126073223500	CAMBRIDGE WATERWORKS CO-SIMPSON SPRINGS
C	432438073292900	FORT ANN-WELL
D	431606073351000	FORT EDWARD(V)-SPRINGS
E	432702073204600	GRANVILLE(V)-WELLS
F	432702073204601	GRANVILLE WD #1-WELL AND SPRING
G	430455073294400	GREENWICH(V)-WELL
H	431832073350500	HUDSON FALLS(V)-RESERVOIR&WELLS
I	433322073241100	WHITEHALL(V)-PINE LAKE

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN
DATE.....	01/23/73	11/03/71	09/10/73	09/21/71	11/03/71	01/23/73	11/03/71	09/21/71	11/03/71
ALUMINUM UG/L	35	10	4.0	300	4.0	51	6.0	40	11
ARSENIC UG/L	0	0	0	8	0	0	0	1	0
BARIUM UG/L	34	26	10	180	12	100	55	18	9.0
BERYLLIUM UG/L	< .80	< .80	< 2.0	< .30	< .60	< 1.0	< 2.0	< .40	< .20
BICARBONATE MG/L	142	137	224	49	21	168	220	95	111
BISMUTH UG/L	< 4.0	< 2.0	< 6.0	< 3.0	< 2.0	< 5.0	< 4.0	< 3.0	< .40
BORON UG/L	7.0	6.0	< 6.0	70	7.0	73	9.0	30	4.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	38	39	61	20	7.8	27	45	38	34
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	5.0	7.7	3.6	9.0	2.4	6.9	53	28	6.8
CHROMIUM UG/L	< 4	< 2	3	< 2	< 2	< 5	< 4	< 3	< 1
COBALT UG/L	< 4.0	< 4.0	< 6.0	< 1.0	< 3.0	< 5.0	< 8.0	< 3.0	< .80
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	71	56	7.0	29	120	28	26	50	64
CYANIDE MG/L	.01	0	0	.01	0	.01	0	0	0
DISS SOLIDS SUM MG/L	145	158	235	105	35	208	331	189	126
FLUORIDE MG/L	.10	.10	.20	.20	0	0	.10	.10	0
GALLIUM UG/L	< 2.0	< .80	< 3.0	< .50	< .60	< 2.0	< 2.0	< .90	< .20
GERMANIUM UG/L	< 3.0	< 4.0	< 6.0	< 2.0	< 3.0	< 4.0	< 6.0	< 4.0	< .80
HARDNESS TOTAL MG/L	133	132	214	64	26	99	174	129	110
HARDNESS NONCARB MG/L	16	19	30	24	8	0	0	52	19
IRON UG/L	25	57	< 6.0	420	18	80	12	170	82
LEAD UG/L	< 4.0	< 4.0	< 6.0	< 2.0	< 3.0	< 5.0	< 8.0	< 4.0	26
LITHIUM UG/L	< 10	< 10	0	30	< 10	40	< 10	< 10	< 10
MAGNESIUM MG/L	9.2	8.3	15	3.0	1.5	7.7	15	8.4	6.0
MANGANESE UG/L	10	13	< 3.0	17	9.0	27	< 4.0	58	16
MBAS MG/L	.01	.03	.01	.04	.03	.01	.02	.04	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< .80	< 3.0	1.0	< .80	3.0	< 2.0	< 2.0	< .20
NICKEL UG/L	< 4.0	< 8.0	< 6.0	2.0	< 6.0	< 5.0	< 16	< 4.0	< 2.0
NITRATE AS N MG/L	.20	1.4	.32	2.5	0	.70	.60	2.3	.50
NITRITE AS N MG/L	--	--	.00	--	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.16	.06	.01	.63	.40	.31	.12	.24	.15
PH UNITS	7.7	7.7	7.9	7.3	7.0	8.3	7.7	7.4	7.1
PHENOLS UG/L	--	2.0	--	0	4.0	--	4.0	12	12
PHOSPHORUS AS P MG/L	.01	.08	.00	.19	.01	.00	0	.01	0
POTASSIUM MG/L	.80	.90	.90	.00	.30	1.8	3.5	1.9	1.0
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	2	4	0	4	3	0	2	4	2
SILICA MG/L	1.1	7.4	10	11	2.3	9.4	8.5	9.3	3.3
SILVER UG/L	< .40	< .80	< 1.0	< .10	< .60	< .50	< 2.0	< .30	< .20
SODIUM MG/L	4.3	4.9	2.6	10	.70	38	60	15	4.0
SPECIFIC COND UMHOS	265	289	403	179	61	350	576	337	232
STRONTIUM UG/L	110	160	180	110	130	630	190	160	37
SULFATE MG/L	16	21	31	24	9.7	34	37	39	16
TIN UG/L	< 4.0	< 8.0	< 6.0	< 3.0	< 6.0	< 5.0	< 16	< 4.0	< 2.0
TITANIUM UG/L	< 3.0	< 2.0	< 4.0	10	< 2.0	< 4.0	< 4.0	3.0	< .40
VANADIUM UG/L	< 3.0	< 2.0	< 3.0	2.0	< 2.0	< 4.0	< 4.0	< 2.0	< .40
ZINC UG/L	< 240	< 170	30	< 150	< 130	< 310	< 340	< 270	< 15
ZIRCONIUM UG/L	< 6.0	< 8.0	< 9.0	< 3.0	< 6.0	< 7.0	< 16	< 9.0	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

WAYNE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	430502076522001	CLYDE(V)-WELLS
B	430502076522600	CLYDE(V)-WELLS
C	430502076520600	CLYDE(V)-WELLS
D	430354076542901	LYONS(V)-WELL #2
E	430354076542900	LYONS(V)-WELL #2
F	425658077124300	NEWARK(V)-CANANDAIGUA LAKE
G	425658077124301	NEWARK(V)-CANANDAIGUA LAKE
H	431332077131000	ONTARIO #U-LAKE ONTARIO
I	430327077134200	PALMYRA(V)-CANANDAIGUA LAKE

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	RAW	TREATED	DISTRBN	RAW	TREATED	RAW	TREATED	DISTRBN	RAW
DATE.....	02/05/73	02/05/73	01/31/72	01/31/72	01/31/72	01/31/72	01/31/72	01/26/73	01/31/72
ALUMINUM UG/L	41	210	38	13	44	47	4.6	31	22
ARSENIC UG/L	10	10	1	4	5	1	1	0	2
BARIUM UG/L	84	< 84	50	< 8.0	< 7.0	27	27	20	25
BERYLLIUM UG/L	< 10	< 10	< 15	< 8.0	< 7.0	< 3.0	< 2.0	< 2.0	< 2.0
BICARBONATE MG/L	320	328	326	191	294	132	125	105	139
BISMUTH UG/L	< 29	< 30	< 68	< 37	< 31	< 10	< 10	< 5.0	< 9.0
BORON UG/L	100	130	140	66	47	16	14	21	17
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	280	290	330	150	19	40	40	46	40
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	390	400	380	44	90	9.0	11	30	9.1
CHROMIUM UG/L	< 29	< 30	< 68	< 37	< 31	< 10	< 10	< 5	< 9
COBALT UG/L	< 29	< 30	< 32	< 17	< 15	< 5.0	< 5.0	< 5.0	< 5.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	< 7.0	14	22	7.0	8.0	3.0	140	8.0	2.0
CYANIDE MG/L	.01	.01	0	0	0	0	0	.01	0
DISS SOLIDS SUM MG/L	1528	1632	1750	885	779	189	189	200	173
FLUORIDE MG/L	.40	.60	1.9	.30	.90	.10	1.1	1.1	.10
GALLIUM UG/L	< 13	< 14	< 7.0	< 8.0	< 7.0	< 3.0	< 2.0	< 2.0	< .90
GERMANIUM UG/L	< 29	< 30	< 68	< 37	< 31	< 10	< 10	< 5.0	< 9.0
HARDNESS TOTAL MG/L	814	839	947	552	75	141	141	151	141
HARDNESS NONCARB MG/L	552	570	648	395	0	33	39	64	27
IRON UG/L	1000	3400	1500	950	66	86	10	69	14
LEAD UG/L	< 29	< 30	< 32	< 37	< 31	< 10	< 10	< 5.0	< 5.0
LITHIUM UG/L	40	40	38	10	30	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	28	28	30	43	6.6	10	10	8.8	10
MANGANESE UG/L	490	380	270	340	49	< 3.0	< 2.0	3.0	< 3.0
MBAS MG/L	.09	.09	.09	.03	.06	.20	.02	.03	.03
MERCURY UG/L	1.6	< .50	< .50	< .50	< .50	< .50	< .50	--	< .50
MOLYBDENUM UG/L	< 13	< 14	< 15	< 8.0	< 7.0	< 3.0	< 2.0	< 2.0	< 2.0
NICKEL UG/L	< 29	< 30	< 32	< 17	< 15	< 5.0	< 5.0	< 5.0	< 5.0
NITRATE AS N MG/L	1.3	.40	.64	.05	.94	.30	.30	.40	.35
NITRITE AS N MG/L	.82	--	--	--	--	--	--	--	--
NITROGEN AMM AS N MG/L	--	.93	--	--	--	--	--	--	--
NITROGEN AMM+ORGN MG/L	.74	.73	.10	.50	.35	.20	.08	.09	.22
PH UNITS	7.6	7.5	7.3	7.2	8.0	8.2	7.7	7.5	7.9
PHENOLS UG/L	--	--	0	0	1.0	0	2.0	--	7.0
PHOSPHORUS AS P MG/L	.54	1.3	.25	.01	1.3	.01	.01	.11	.01
POTASSIUM MG/L	4.7	4.8	5.4	2.8	4.0	1.9	1.9	1.6	2.1
RADIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	2	2	2	1	1	1	2
SILICA MG/L	15	15	11	12	9.6	2.0	3.3	1.3	2.9
SILVER UG/L	< 3.0	< 3.0	< 7.0	< 4.0	< 4.0	< .90	< .90	< .50	< .90
SODIUM MG/L	220	220	200	19	240	5.9	6.0	16	6.0
SPECIFIC CONDUCTANCE MICROMHOS	2330	2380	2480	1230	1170	296	299	372	297
STRONTIUM UG/L	5400	7000	7200	1800	240	110	110	150	120
SULFATE MG/L	430	510	640	320	260	34	34	43	34
TIN UG/L	< 29	< 30	< 68	< 37	< 31	< 10	< 10	< 5.0	< 9.0
TITANIUM UG/L	< 29	< 30	< 32	< 17	< 15	9.0	< 5.0	< 5.0	< 5.0
VANADIUM UG/L	< 29	< 30	< 32	< 37	< 31	< 10	< 10	< 5.0	< 5.0
ZINC UG/L	30	--	< 1500	< 790	< 660	< 210	< 200	< 300	< 200
ZIRCONIUM UG/L	< 61	< 64	< 68	< 78	< 66	< 21	< 20	< 14	< 9.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

WAYNE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	430327077134201	PALMYRA(V)-CANANDAIGUA LAKE
B	431429076431700	RED CREEK(V)-WELL
C	430850076523900	ROSE AND NORTH ROSE WD-WELL
D	430421076454100	SAVANNAH(V)-WELL
E	431618076591402	SODUS(V)-LAKE ONTARIO
F	431618076591400	SODUS POINT(V)-LAKE ONTARIO
G	431618076591401	SODUS POINT(V)-LAKE ONTARIO
H	431659077111500	WILLIAMSON WD-LAKE ONTARIO
I	431659077111501	WILLIAMSON WD-LAKE ONTARIO

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	TREATED	DISTRBN	DISTRBN	DISTRBN	DISTRBN	RAW	TREATED	RAW	TREATED
DATE.....	01/31/72	11/29/73	11/29/73	03/12/74	01/29/73	12/08/70	12/08/70	01/31/72	01/31/72
ALUMINUM UG/L	0.0	5.0	10	16	160	20	44	770	90
ARSENIC UG/L	0	< 1	1	1	0	0	0	4	1
BARIUM UG/L	24	280	300	38	24	34	29	40	30
BERYLLIUM UG/L	< 2.0	< 3.0	< 2.0	< 3.0	< 2.0	< .50	< .50	< 3.0	< 3.0
BICARBONATE MG/L	132	230	232	198	189	136	112	125	114
BISMUTH UG/L	< 9.0	< 7.0	< 7.0	< 10	< 5.0	< 2.0	< 2.0	< 12	< 11
BORON UG/L	14	13	23	34	22	21	19	26	19
CADMIUM UG/L	0	0	0	0	0	0	--	0	0
CALCIUM MG/L	48	60	60	110	44	47	38	46	45
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	11	11	26	22	27	29	31	34	34
CHROMIUM UG/L	< 9	< 3	< 4	< 5	< 5	< 2	< 2	< 12	< 11
COBALT UG/L	< 4.0	< 7.0	< 7.0	< 5.0	< 5.0	< 3.0	< 3.0	< 8.0	< 5.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	13	30	30	10	14	2.0	2.0	12	7.0
CYANIDE MG/L	0	0	.01	.01	0	0	0	0	0
DISS SOLIDS SUM MG/L	175	248	296	457	189	199	178	211	205
FLUORIDE MG/L	1.8	.20	.30	.10	.10	.30	.10	.20	.20
GALLIUM UG/L	< .90	< 3.0	< 3.0	< 3.0	< 2.0	ND	ND	< 2.0	< 1.0
GERMANIUM UG/L	< 9.0	< 7.0	< 7.0	< 7.0	< 5.0	< 3.0	< 3.0	< 12	< 11
HARDNESS TOTAL MG/L	141	220	249	369	144	156	125	134	150
HARDNESS NONCARB MG/L	33	31	56	207	55	61	33	51	56
IRON UG/L	8.0	12	10	15	71	20	14	700	75
LEAD UG/L	< 4.0	< 7.0	< 4.0	< 5.0	< 5.0	< 2.0	< 2.0	< 8.0	< 5.0
LITHIUM UG/L	< 10	0	10	10	< 10	3.0	2.0	< 10	< 10
MAGNESIUM MG/L	10	17	24	23	8.4	8.3	7.4	9.4	9.1
MANGANESE UG/L	< 3.0	< 3.0	14	< 5.0	2.0	< 2.0	< 2.0	27	< 4.0
MBAS MG/L	.03	0	0	0	.02	.02	.02	.03	.04
MERCURY UG/L	< .50	< .50	.50	3.0	.60	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 3.0	< 3.0	< 3.0	< 2.0	1.0	1.0	< 3.0	< 3.0
NICKEL UG/L	< 4.0	< 7.0	< 7.0	< 5.0	< 5.0	< 2.0	< 2.0	8.0	< 5.0
NITRATE AS N MG/L	.40	2.1	1.2	3.0	.40	.40	.30	.50	.40
NITRITE AS N MG/L	--	.01	.01	.01	--	.01	0	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	.06	0	--	--
NITROGEN NH4+ORG-N MG/L	.14	.07	.12	0	.42	--	--	.34	.28
PH UNITS	7.6	7.7	7.6	7.3	7.2	7.4	7.9	8.0	7.7
PHENOLS UG/L	1.0	--	--	--	--	7.0	0	7.0	1.0
PHOSPHORUS AS P MG/L	.01	.00	.00	0	.01	.22	.06	.09	.01
POTASSIUM MG/L	2.0	1.4	1.2	3.2	1.6	1.5	1.4	1.8	1.6
RUBIDIUM UG/L	--	--	--	--	--	.40	1.0	--	--
SELENIUM UG/L	0	0	1	1	2	2	2	1	0
SILICA MG/L	3.6	9.5	9.2	8.2	.80	1.1	.40	1.2	1.0
SILVER UG/L	< .90	< .70	< .70	< 1.0	< .50	< .20	< .20	< 2.0	< 1.0
SODIUM MG/L	8.1	8.7	13	8.9	14	13	13	17	14
SPECIFIC COND UMHOS	300	496	523	739	353	344	348	378	371
STRONTIUM UG/L	110	130	270	3000	130	210	200	240	220
SULFATE MG/L	35	27	45	180	39	31	31	39	42
TIN UG/L	< 9.0	< 7.0	< 7.0	< 10	< 5.0	< 3.0	< 3.0	< 12	< 11
TITANIUM UG/L	< 4.0	< 5.0	< 4.0	7.0	< 5.0	< 2.0	< 2.0	49	< 5.0
VANADIUM UG/L	< 4.0	< 3.0	< 4.0	< 5.0	< 5.0	< 3.0	< 3.0	< 8.0	< 5.0
ZINC UG/L	< 190	60	40	10	< 300	< 200	< 190	< 240	< 220
ZIRCONIUM UG/L	< 9.0	< 8.0	< 7.0	< 10	< 9.0	ND	ND	< 12	< 11

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

WAYNE COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	431810076495100	WOLCOTT(V)-LAKE ONTARIO
	B	431810076495101	WOLCOTT(V)-LAKE ONTARIO

	A	B
SYSTEM(S) ON THIS PAGE..		
TYPE OF WATER SAMPLED...	RAW	TREATED
DATE.....	01/31/72	01/31/72
ALUMINUM UG/L	10	12
ARSENIC UG/L	0	0
BARIUM UG/L	210	210
BERYLLIUM UG/L	< 4.0	< 4.0
BICARBONATE MG/L	282	275
BISMUTH UG/L	< 16	< 16
BORON UG/L	13	11
CADMIUM UG/L	0	0
CALCIUM MG/L	76	76
CARBONATE MG/L	0	0
CHLORIDE MG/L	16	16
CHROMIUM UG/L	< 16	< 16
COBALT UG/L	< 7.0	< 7.0
COLIFORM COL/100 ML	--	--
COPPER UG/L	2.0	4.0
CYANIDE MG/L	0	0
DISS SOLIDS SUM MG/L	292	288
FLUORIDE MG/L	.10	1.4
GALLIUM UG/L	< 2.0	< 2.0
GERMANIUM UG/L	< 16	< 16
HARDNESS TOTAL MG/L	273	268
HARDNESS NONCARB MG/L	42	42
IRON UG/L	56	--
LEAD UG/L	< 7.0	< 7.0
LITHIUM UG/L	< 10	< 10
MAGNESIUM MG/L	19	19
MANGANESE UG/L	< 3.0	< 3.0
MBAS MG/L	.04	.05
MERCURY UG/L	< .50	< .50
MOLYBDENUM UG/L	< 4.0	< 4.0
NICKEL UG/L	< 7.0	< 7.0
NITRATE AS N MG/L	2.5	2.5
NITRITE AS N MG/L	--	--
NITROGEN NH4 AS N MG/L	--	--
NITROGEN NH4+ORG-N MG/L	.09	0
PH UNITS	7.7	7.6
PHENOLS UG/L	--	0
PHOSPHORUS AS P MG/L	.01	.05
POTASSIUM MG/L	1.6	1.8
RUBIDIUM UG/L	--	--
SELENIUM UG/L	1	2
SILICA MG/L	7.3	8.0
SILVER UG/L	< 2.0	< 2.0
SODIUM MG/L	5.5	6.0
SPECIFIC COND UMHOS	514	517
STRONTIUM UG/L	120	130
SULFATE MG/L	23	22
TIN UG/L	< 16	< 16
TITANIUM UG/L	< 7.0	< 7.0
VANADIUM UG/L	< 7.0	< 7.0
ZINC UG/L	< 330	< 330
ZIRCONIUM UG/L	< 16	< 16

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

WESTCHESTER COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	411947073442801	AMAWALK AND SHENOROCK WD-INFILTRATION GALLERY
B	411947073442800	AMAWALK AND SHENOROCK WD-INFILTRATION GALLERY
C	411156073385700	BEDFORD FARMS WATER COMPANY-WELL #1
D	411429073414801	BEDFORD HILLS CORRECTION FACILITY-WELLS
E	411429073414800	BEDFORD WATER STORAGE&DISTRICT #1-WELLS
F	410822073490000	BRIARCLIFF MANOR(V)-WELLS
G	410100073490001	CIBA-GEIGY CORP*ARDSLEY-WELL
H	411230073531600	CROTON-ON-HUDSON(V)-WELLS
I	410503073383001	GREENWICH WATER CO-PUTNAM LAKE

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	RAW	TREATED	DISTRBN	DIST+RN	DISTRBN	DISTRBN	RAW	DISTRBN	RAW
DATE.....	12/06/71	12/08/71	06/05/72	03/05/74	12/09/71	12/06/71	02/08/73	12/06/71	12/14/71
ALUMINUM UG/L	25	11	18	7.0	9.0	16	8.0	40	100
ARSENIC UG/L	0	0	0	1	0	3	0	1	3
BARIUM UG/L	100	100	94	47	93	55	54	32	26
BERYLLIUM UG/L	< .70	< .70	< 2.0	< 2.0	< 2.0	< 1.0	< 4.0	< .80	< .30
BICARBONATE MG/L	90	95	138	182	250	94	215	110	21
BISMUTH UG/L	< 4.0	< 4.0	< 5.0	< 4.0	< 9.0	< 5.0	< 10	< 3.0	< .90
BORON UG/L	70	49	16	18	100	45	21	46	12
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	25	26	47	44	74	36	110	34	10
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	18	19	19	20	53	56	120	17	12
CHROMIUM UG/L	< 4	< 4	< 5	< 3	< 9	< 5	< 10	< 3	< 2
COBALT UG/L	< 4.0	< 4.0	< 5.0	< 5.0	< 4.0	< 3.0	< 10	< 4.0	< .90
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	50	36	8.0	5.0	16	740	8.0	77	4.0
CYANIDE MG/L	0	0	0	0	0	0	.01	0	0
DISS SOLIDS SUM MG/L	147	149	202	216	372	229	486	153	69
FLUORIDE MG/L	.20	.10	0	.20	.40	.10	.10	.10	.10
GALLIUM UG/L	< .70	< .70	< 2.0	< 2.0	< 4.0	< 1.0	< 5.0	< .80	< .30
GERMANIUM UG/L	< 8.0	< 7.0	< 7.0	< 5.0	< 19	< 11	< 10	< 4.0	< 2.0
HARDNESS TOTAL MG/L	100	103	163	190	298	131	439	124	37
HARDNESS NONCARB MG/L	22	25	51	47	93	54	263	34	20
IRON UG/L	200	12	67	10	280	250	< 10	37	190
LEAD UG/L	< 4.0	< 4.0	10	< 4.0	< 4.0	19	< 10	2.0	1.0
LITHIUM UG/L	< 10	< 10	< 10	0	< 10	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	9.2	9.2	11	17	25	10	40	9.6	3.0
MANGANESE UG/L	100	3.0	< 5.0	< 4.0	230	160	< 7.0	5.0	190
MBAS MG/L	.05	.02	.02	.02	.07	.05	.04	.02	.05
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	1.0	2.0	< 2.0	< 2.0	< 4.0	< 1.0	< 5.0	< .80	< .30
NICKEL UG/L	< 4.0	< 4.0	< 5.0	< 3.0	< 4.0	6.0	< 10	< 3.0	2.0
NITRATE AS N MG/L	2.2	2.3	4.3	.48	8.1	1.2	3.1	.20	.20
NITRITE AS N MG/L	--	--	--	0	--	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.01	.03	0	0	.04	.31	.27	.14	.32
PH UNITS	6.7	6.8	7.9	7.0	7.3	6.9	8.0	7.7	7.0
PHENOLS UG/L	1.0	1.0	--	--	5.0	--	--	0	2.0
PHOSPHORUS AS P MG/L	.09	.09	.03	.01	1.2	.01	.01	.01	.02
POTASSIUM MG/L	2.2	2.2	4.4	2.7	4.0	3.0	4.2	2.0	1.8
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	7	1	0	1	2	4	0	3	0
SILICA MG/L	16	16	12	13	13	8.8	18	8.0	5.9
SILVER UG/L	< .70	< .70	< .40	< .50	< 2.0	< 1.0	< 1.0	< .30	< .10
SODIUM MG/L	12	12	8.2	5.0	28	32	13	6.9	6.5
SPECIFIC COND UMHOS	260	261	370	381	658	417	859	272	119
STRONTIUM UG/L	91	100	110	88	150	110	150	77	55
SULFATE MG/L	15	15	29	34	42	36	72	21	19
TIN UG/L	< 4.0	< 4.0	< 5.0	< 5.0	< 9.0	< 5.0	< 10	< 4.0	< 2.0
TITANIUM UG/L	3.0	< 2.0	< 4.0	< 3.0	< 4.0	< 3.0	< 10	< 2.0	2.0
VANADIUM UG/L	< 2.0	2.0	< 5.0	< 3.0	< 4.0	< 3.0	< 10	< 2.0	< .60
ZINC UG/L	580	< 330	< 310	20	< 390	< 480	30	270	< 60
ZIRCONIUM UG/L	< 8.0	< 7.0	< 10	< 8.0	< 19	< 11	< 22	< 8.0	< 3.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

WESTCHESTER COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	410500073382101	GREENWICH WATER CO-PUTNAM LAKE
B	411230073531601	HARRISON MD #1-RYE LAKE
C	410204073510500	IRVINGTON(V)-CROTON AQUEDUCT
D	405720073462200	LARCHMONT(V)-SHELDRAKE RIVER
E	405720073462201	LARCHMONT(V)-SHELDRAKE RIVER
F	411917073431200	LINCOLN HALL INC-WELLS
G	411759073530400	MONTROSE WD-CATSKILL AQUEDUCT
H	411144073440900	MOUNT KISCO(V)-WELLS&BYRAM LAKE
I	411035073480600	NEW CASTLE WATER COMPANY-CATSKILL AQUEDUCT

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	TREATED	DISTRBN	DISTRBN	RAW	TREATED	DISTRBN	DISTRBN	DISTRBN	DISTRBN
DATE.....	12/14/71	12/09/71	12/09/71	12/09/71	12/09/71	03/05/74	06/05/72	12/08/71	06/05/72
ALUMINUM UG/L	150	12	91	150	140	10	28	17	23
ARSENIC UG/L	0	0	0	4	0	< 1	1	0	0
BARIUM UG/L	25	10	45	44	35	70	9.0	32	12
BERYLLIUM UG/L	< .40	< .90	< .40	< .90	< .90	< 2.0	< .20	< .40	< .20
BICARBONATE MG/L	28	121	22	83	58	182	10	42	14
BISMUTH UG/L	< 2.0	< 4.0	< 2.0	< 5.0	< 5.0	< 6.0	< .60	< 2.0	< .60
BORON UG/L	12	10	24	36	30	27	3.0	15	3.0
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	17	34	13	31	31	31	5.8	16	6.2
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	16	23	17	32	40	24	4.5	14	4.7
CHROMIUM UG/L	< 2	< 4	< 2	< 5	< 5	< 3	< 1	< 2	< 1
COBALT UG/L	< 2.0	< 4.0	< .80	< 5.0	< 5.0	< 6.0	< .60	< 2.0	< .60
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	2.0	7.0	130	14	11	26	24	36	170
CYANIDE MG/L	0	0	0	.01	0	0	0	0	0
DISS SOLIDS SUM MG/L	90	162	92	189	194	253	28	88	31
FLUORIDE MG/L	.90	.10	.10	.28	1.2	.50	0	.10	.10
GALLIUM UG/L	< .40	< .90	< .80	< .90	< .90	< 3.0	< .30	< .40	< .30
GERMANIUM UG/L	< 2.0	< 9.0	< 4.0	< 10	< 10	< 6.0	< .80	< 5.0	< .90
HARDNESS TOTAL MG/L	55	138	51	119	119	127	19	57	20
HARDNESS NONCARB MG/L	32	39	33	58	71	0	10	22	8
IRON UG/L	36	348	140	540	58	190	40	770	680
LEAD UG/L	< 2.0	< 4.0	5.0	11	< 5.0	< 4.0	1.0	< 2.0	2.0
LITHIUM UG/L	< 10	< 10	< 10	< 10	< 10	0	< 10	< 10	< 10
MAGNESIUM MG/L	3.1	13	4.4	10	10	12	1.0	4.1	1.0
MANGANESE UG/L	10	39	58	310	14	28	29	21	17
MBAS MG/L	.04	.03	.04	.07	.08	.02	.02	.05	0
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	1.4	< .50	< .50
MOLYBDENUM UG/L	< .40	< .90	< .80	< .90	< .90	< 3.0	< .30	.50	< .30
NICKEL UG/L	2.0	< 4.0	5.0	4.0	< 5.0	< 4.0	1.0	< 2.0	2.0
NITRATE AS N MG/L	.20	.80	.02	1.2	1.2	.14	.10	.20	.20
NITRITE AS N MG/L	--	--	--	--	--	.02	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.14	.03	.25	.52	.30	0	.31	.17	.28
PH UNITS	7.2	7.6	6.8	7.4	6.7	7.8	6.8	7.2	6.9
PHENOLS UG/L	1.0	0	11	13	26	--	--	1.0	--
PHOSPHORUS AS P MG/L	.00	.08	.04	.06	.03	.01	.00	.01	.11
POTASSIUM MG/L	1.8	2.2	2.8	4.4	4.4	3.7	.40	2.0	.40
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	7	5	1	2	1	2	4	0
SILICA MG/L	6.4	8.4	7.2	7.5	7.0	23	.40	2.4	1.1
SILVER UG/L	< .20	< .90	< .40	< .90	< .90	< .60	< .04	< .40	< .05
SODIUM MG/L	6.5	5.0	8.8	20	21	38	2.0	6.1	2.1
SPECIFIC COND UMHOS	157	299	158	342	352	416	56	162	60
STRONTIUM UG/L	63	33	71	130	120	130	17	77	26
SULFATE MG/L	24	16	28	42	50	31	8.9	22	8.0
TIN UG/L	< 2.0	< 4.0	< 2.0	< 5.0	< 5.0	< 6.0	< .60	< 2.0	< .60
TITANIUM UG/L	2.0	< 2.0	4.0	9.0	< 3.0	< 3.0	.80	< .90	.80
VANADIUM UG/L	< .80	< 2.0	.90	< 2.0	< 3.0	< 3.0	< .60	< .90	< .60
ZINC UG/L	< 80	< 400	< 90	< 440	< 440	40	< 40	< 200	87
ZIRCONIUM UG/L	< 4.0	< 9.0	< 4.0	< 10	< 10	< 9.0	< 2.0	< 5.0	< 2.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

WESTCHESTER COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	410831073445300	NEW CASTLE WATER COMPANY-WHIPPOORWILL LAKE
B	410831073445301	NEW CASTLE WATER COMPANY-WHIPPOORWILL LAKE
C	410650073500900	NEW ROCHELLE WATER CO-POCANTICO LAKE
D	410650073500901	NEW ROCHELLE WATER CO-POCANTICO LAKE
E	410357073461701	NORTH CASTLE WATER DISTRICT NO 1-WELLS
F	410357073461700	NORTH CASTLE WATER DISTRICT NO 1-WELLS
G	411126073515500	OSSINING(V)-INDIAN BROOK
H	411126073515501	OSSINING(V)-INDIAN BROOK
I	411810073542300	PEEKSKILL(C)-CAMP FIELD RESERVOIR

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	RAW	TREATED	RAW	TREATED	RAW	TREATED	RAW	TREATED	RAW
DATE.....	01/21/75	01/21/75	12/13/71	12/13/71	01/17/75	01/17/75	12/06/71	12/06/71	12/06/71
ALUMINUM UG/L	38	35	86	410	< 10	< 10	53	130	67
ARSENIC UG/L	0	0	4	2	0	0	10	9	--
BARIUM UG/L	38	35	50	45	110	80	39	47	27
BERYLLIUM UG/L	< .40	< .40	< .70	< .70	< 2.0	< 2.0	< .40	< .50	< .40
BICARBONATE MG/L	26	26	49	42	234	156	28	35	--
BISMUTH UG/L	< 2.0	< 2.0	< 3.0	< 4.0	< 7.0	< 7.0	< 1.0	< 2.0	< 2.0
BORON UG/L	26	25	26	36	24	20	21	27	21
CADMIUM UG/L	0	0	0	0	0	0	0	0	--
CALCIUM MG/L	12	10	22	22	61	46	13	24	--
CARBONATE MG/L	0	0	0	0	0	0	0	0	--
CHLORIDE MG/L	11	13	31	33	37	37	7.7	17	--
CHROMIUM UG/L	< 1	< 1	< 3	< 4	< 5	< 5	< 1	< 2	< 2
COBALT UG/L	< 2.0	< 2.0	< 3.0	< 4.0	< 7.0	< 7.0	< 2.0	< 3.0	< 1.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	170	160	5.0	32	7.0	7.0	130	110	6.0
CYANIDE MG/L	0	.01	0	0	0	0	0	0	--
DISS SOLIDS SUM MG/L	77	78	146	150	294	269	81	115	0
FLUORIDE MG/L	0	.10	.10	1.6	.10	.10	.10	.20	--
GALLIUM UG/L	< .80	< .80	< .70	< .70	< 1.0	< 1.0	< .40	< .50	< .40
GERMANIUM UG/L	< 2.0	< 2.0	< 3.0	< 8.0	< 7.0	< 7.0	< 2.0	< 3.0	< 5.0
HARDNESS TOTAL MG/L	46	41	82	82	235	189	49	78	--
HARDNESS NONCARB MG/L	24	19	42	47	43	61	26	36	--
IRON UG/L	170	200	330	220	70	30	270	320	200
LEAD UG/L	3.0	4.0	3.0	< 4.0	< 7.0	< 7.0	1.0	< 2.0	< 2.0
LITHIUM UG/L	< .40	.40	< 10	< 10	< 2.0	< 2.0	< 10	< 10	< 10
MAGNESIUM MG/L	3.8	3.8	6.6	6.5	20	18	4.1	6.4	--
MANGANESE UG/L	87	83	67	7.0	13	9.0	57	12	27
MBAS MG/L	0	0	.04	.05	0	0	.06	.06	--
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	--
MOLYBDENUM UG/L	< .80	< 1.0	< .70	< .70	< 1.0	< 4.0	< .40	< .50	< .40
NICKEL UG/L	2.0	2.0	3.0	4.0	< 7.0	< 6.0	3.0	3.0	< 2.0
NITRATE AS N MG/L	.18	.18	.60	.60	1.4	1.4	.10	.20	--
NITRITE AS N MG/L	.01	0	--	--	0	0	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.34	.26	.24	.20	.07	.21	.40	.64	--
PH UNITS	7.2	5.1	7.1	6.9	6.1	6.7	6.9	9.1	--
PHENOLS UG/L	--	--	7.0	17	--	--	5.0	17	--
PHOSPHORUS AS P MG/L	.02	.54	.03	1.0	.01	0	.03	.03	--
POTASSIUM MG/L	2.0	2.1	3.1	3.1	3.4	3.3	2.5	2.5	--
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	0	0	8	8	2	1	2	0	4
SILICA MG/L	7.3	7.3	9.0	9.7	13	13	6.9	7.1	--
SILVER UG/L	< .20	< .20	< .30	< .70	< .70	< .70	< .10	< .20	< .40
SODIUM MG/L	7.5	9.9	17	19	14	34	4.6	4.6	--
SPECIFIC COND UMHOS	118	155	256	262	500	500	131	188	--
STRONTIUM UG/L	72	72	78	90	150	120	57	68	47
SULFATE MG/L	20	18	32	33	31	39	28	30	--
TIN UG/L	< 2.0	< 2.0	< 3.0	< 4.0	< 7.0	< 7.0	< 2.0	< 3.0	< 2.0
TITANIUM UG/L	2.0	2.0	5.0	3.0	< 7.0	< 6.0	2.0	4.0	4.0
VANADIUM UG/L	< 1.0	< 1.0	< 2.0	< 2.0	< 5.0	< 5.0	.70	< 2.0	< 1.0
ZINC UG/L	0	0	< 140	< 330	0	0	< 70	< 110	< 210
ZIRCONIUM UG/L	< 2.0	< 2.0	< 7.0	< 8.0	< 7.0	< 8.0	< 4.0	< 5.0	< 5.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

WESTCHESTER COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	411810073542300	PEEKSKILL(C)-CAMP FIELD RESERVOIR
B	411810073542301	PEEKSKILL(C)-CAMP FIELD RESERVOIR
C	410755073461700	PLEASANTVILLE(V)-WELLS
D	410555073493901	POCANTICO HILLS-FOUR PONDS
E	410555073493902	POCANTICO HILLS-FOUR PONDS
F	410555073493900	POCANTICO HILLS-FOUR PONDS
G	410457073495500	TARRYTOWN(V)-TARRYTOWN LAKE
H	410457073495501	TARRYTOWN(V)-TARRYTOWN LAKE
I	410833073465901	THORNWOOD WD-WELLS

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	RAW	TREATED	DISTRBN	RAW	TREATED	DISTRBN	RAW	TREATED	RAW
DATE.....	12/13/71	12/06/71	12/06/71	01/17/75	01/17/75	06/05/72	12/06/71	12/06/71	12/13/71
ALUMINUM UG/L	--	23	95	75	130	340	79	44	9.0
ARSENIC UG/L	5	4	0	1	0	0	1	1	1
BARIUM UG/L	--	30	25	47	44	42	39	45	78
BERYLLIUM UG/L	--	< .50	< .50	< .30	< .40	< .40	< .50	< .60	< 2.0
BICARBONATE MG/L	40	40	62	24	45	16	46	47	267
BISMUTH UG/L	--	< 3.0	< 3.0	< 2.0	< 2.0	< 1.0	< 3.0	< 2.0	< 9.0
BORON UG/L	--	27	12	16	22	10	20	25	38
CADMIUM UG/L	0	0	0	0	0	0	1	14	0
CALCIUM MG/L	14	17	20	8.0	16	13	20	19	79
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	16	21	7.7	1.7	3.7	6.0	24	23	28
CHROMIUM UG/L	--	< 3	< 3	< 1	< 1	< 1	< 3	< 2	< 9
COBALT UG/L	--	< 1.0	< 1.0	< 2.0	< 2.0	< 1.0	< 2.0	< 3.0	< 9.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	--	24	90	80	75	55	83	28	4.0
CYANIDE MG/L	0	0	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	84	99	97	58	87	73	113	111	349
FLUORIDE MG/L	.10	.10	.80	.20	.30	.40	.20	.20	.10
GALLIUM UG/L	--	< .50	< .50	< .50	< .70	< .50	< 2.0	< .60	< 2.0
GERMANIUM UG/L	--	< 5.0	< 5.0	< 2.0	< 2.0	< 2.0	< 6.0	< 3.0	< 19
HARDNESS TOTAL MG/L	54	65	75	28	49	40	79	76	296
HARDNESS NONCARB MG/L	21	32	25	9	12	27	41	38	77
IRON UG/L	--	140	100	160	150	80	67	74	17
LEAD UG/L	--	< 3.0	< 3.0	2.0	< 2.0	6.0	14	< 2.0	< 9.0
LITHIUM UG/L	--	< 10	< 10	.30	2.0	< 10	< 10	< 10	< 10
MAGNESIUM MG/L	4.7	5.5	6.2	2.0	2.2	1.8	7.0	7.0	24
MANGANESE UG/L	--	8.0	29	66	45	82	55	65	< 9.0
MBAS MG/L	.04	.05	.03	0	0	.03	.05	.04	.05
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .60	< .50	< .50	< .50
MOLYBDENUM UG/L	--	< .50	< .50	< .50	< .70	< .50	< 2.0	< .60	< 2.0
NICKEL UG/L	--	< 3.0	< 3.0	3.0	3.0	< 1.0	< 2.0	2.0	< 9.0
NITRATE AS N MG/L	.50	.50	.60	.05	.05	.04	.20	.20	3.9
NITRITE AS N MG/L	--	--	--	0	0	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.27	.34	.22	.25	.15	.05	.58	.44	0
PH UNITS	7.2	6.9	7.2	7.1	7.1	6.7	7.0	6.9	7.8
PHENOLS UG/L	--	8.0	2.0	--	--	--	--	0	--
PHOSPHORUS AS P MG/L	.04	.05	.04	.01	.77	.05	.04	.06	.00
POTASSIUM MG/L	1.6	1.7	1.4	1.3	1.1	1.4	2.5	2.5	4.7
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	--	2	0	1	2	1	0	0	3
SILICA MG/L	6.9	7.3	5.5	9.6	9.2	8.3	3.6	3.6	12
SILVER UG/L	--	< .50	< .50	< .20	< .20	< .08	< .50	< .20	< 2.0
SODIUM MG/L	8.6	9.0	5.0	2.9	4.0	3.3	8.6	8.7	16
SPECIFIC COND UMHOS	154	180	176	83	140	118	209	209	596
STRONTIUM UG/L	--	62	61	50	60	80	78	75	110
SULFATE MG/L	17	17	19	20	28	30	24	24	50
TIN UG/L	--	< 3.0	< 3.0	< 2.0	< 2.0	< 1.0	< 3.0	< 3.0	< 9.0
TITANIUM UG/L	--	2.0	3.0	2.0	2.0	1.0	2.0	< 2.0	< 4.0
VANADIUM UG/L	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 2.0	< 4.0
ZINC UG/L	--	< 220	< 220	0	0	< 80	130	200	< 850
ZIRCONIUM UG/L	--	< 5.0	< 5.0	< 2.0	< 2.0	< 3.0	< 6.0	< 6.0	< 19

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

WESTCHESTER COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	410833073465900	THORNWOOD WD-WELLS
B	410457073495502	UNION CARBIDE CORP-TARRYTOWN-WELL
C	412148073332100	VAILS GROVE INC-THREE WELLS
D	410517073465100	VALHALLA WD-CATSKILL AQUEDUCT
E	405805073441500	WESTCHESTER JOINT WW #1-MAMARONECK RIVER
F	405805073441501	WESTCHESTER JOINT WW #1-MAMARONECK RIVER
G	410800073400000	WINMILL FARM WATERWORKS-WELL
H	410305073454500	WHITE PLAINS(C)-KENSICO RESR-WELLS
I	405741073522000	YONKERS(C)-SAW MILL RIVER

SYSTEM(S) ON THIS PAGE...	A	B	C	D	E	F	G	H	I
TYPE OF WATER SAMPLED...	TREATED	RAW	DISTRBN	DISTRBN	RAW	TREATED	DISTRBN	DISTRBN	RAW
DATE.....	12/13/71	02/08/73	03/05/74	12/13/71	12/14/71	12/14/71	12/14/71	03/05/74	12/09/71
ALUMINUM UG/L	16	8.0	8.0	24	430	110	68	8.0	3300
ARSENIC UG/L	0	0	0	1	2	0	1	1	1
BARIUM UG/L	31	130	51	27	70	70	27	4.0	100
BERYLLIUM UG/L	< 2.0	< 3.0	< 1.0	< .20	< 2.0	< 2.0	< .30	< 2.0	< 2.0
BICARBONATE MG/L	251	202	118	11	74	59	20	170	111
BISMUTH UG/L	< 8.0	< 8.0	< 4.0	< .40	< 4.0	< 4.0	< .80	< 6.0	< 7.0
BORON UG/L	33	35	7.0	40	40	40	6.0	50	60
CADMIUM UG/L	0	0	2	0	0	0	0	0	0
CALCIUM MG/L	33	67	35	6.0	37	37	9.4	1.5	41
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	27	72	7.4	8.0	72	74	13	24	52
CHROMIUM UG/L	< 8	< 8	< 2	< 1	8	< 6	< 2	< 3	7
COBALT UG/L	< 8.0	< 8.0	< 4.0	< .40	< 4.0	< 4.0	< .80	< 3.0	5.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	42	9.0	120	22	5.0	27	110	35	140
CYANIDE MG/L	0	.01	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	339	371	159	39	263	264	57	240	259
FLUORIDE MG/L	.10	.10	.20	.40	.20	.20	.20	.30	.10
GALLIUM UG/L	< 2.0	< 4.0	< 2.0	< .20	< 2.0	< 2.0	< .30	< 2.0	< 3.0
GERMANIUM UG/L	< 17	< 8.0	< 4.0	< 2.0	< 6.0	< 6.0	< 2.0	< 4.0	< 14
HARDNESS TOTAL MG/L	156	266	124	21	142	136	35	5	152
HARDNESS NONCARB MG/L	0	100	27	12	81	84	18	0	61
IRON UG/L	27	340	120	320	610	43	130	7.0	5000
LEAD UG/L	< 8.0	< 8.0	24	3.0	14	< 4.0	1.0	< 3.0	19
LITHIUM UG/L	< 10	< 10	0	< 10	< 10	< 10	< 10	0	< 10
MAGNESIUM MG/L	16	24	8.8	1.5	12	11	2.7	.20	12
MANGANESE UG/L	< 8.0	650	< 3.0	55	280	13	230	< 3.0	230
MBAS MG/L	.06	.03	0	.06	.06	.06	.03	0	.04
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 4.0	2.0	< .40	< 2.0	< 2.0	< .30	< 2.0	< 3.0
NICKEL UG/L	< 8.0	< 8.0	< 3.0	1.0	7.0	< 6.0	2.0	< 3.0	16
NITRATE AS N MG/L	3.9	1.5	1.2	.30	1.2	1.3	.40	1.7	1.4
NITRITE AS N MG/L	--	--	.01	--	--	--	--	.01	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	0	.21	.09	.24	.41	.24	.14	.06	.48
PH UNITS	7.5	7.5	7.2	6.9	7.3	7.0	6.9	7.3	7.4
PHENOLS UG/L	--	--	--	3.0	1.0	4.0	1.0	--	2.0
PHOSPHORUS AS P MG/L	.00	.01	.01	.05	.03	.10	.00	.01	.20
POTASSIUM MG/L	3.5	5.1	2.5	.70	4.5	4.4	.40	1.2	4.2
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	8	1	< 1	5	1	0	0	< 1	2
SILICA MG/L	12	14	10	2.2	10	9.8	2.4	14	11
SILVER UG/L	< 2.0	< .80	< .40	< .20	< .60	< .60	< .10	< .60	< 2.0
SODIUM MG/L	72	36	5.5	3.7	37	38	6.1	87	29
SPECIFIC COND UMHOS	560	656	279	79	469	471	105	405	443
STRONTIUM UG/L	54	140	180	30	170	180	31	7.0	120
SULFATE MG/L	46	52	30	9.7	53	54	11	28	54
TIN UG/L	< 8.0	< 8.0	< 4.0	< .40	< 6.0	< 6.0	< 2.0	< 6.0	< 7.0
TITANIUM UG/L	< 4.0	< 8.0	< 2.0	.40	23	2.0	2.0	< 3.0	340
VANADIUM UG/L	< 4.0	< 8.0	< 2.0	< .40	< 3.0	< 3.0	< .50	< 3.0	9.0
ZINC UG/L	< 780	10	600	< 90	< 260	< 250	< 55	0	< 290
ZIRCONIUM UG/L	< 17	< 16	< 8.0	< 2.0	< 12	< 12	< 3.0	< 6.0	< 14

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

WESTCHESTER COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	405741073522001	YONKERS(C)-SAW MILL RIVER
	M	411958073493600	YORKTOWN(T)-AMAWALK RESERVOIR

SYSTEM(S) ON THIS PAGE...	A	M
TYPE OF WATER SAMPLED...	TREATED	DISTRBN
DATE.....	12/09/71	12/08/71
ALUMINUM UG/L	50	83
ARSENIC UG/L	0	0
BARIUM UG/L	46	48
BERYLLIUM UG/L	< 2.0	< 2.0
BICARBONATE MG/L	78	185
BISMUTH UG/L	< 5.0	< 6.0
BORON UG/L	43	16
CADMIUM UG/L	0	0
CALCIUM MG/L	36	53
CARBONATE MG/L	0	0
CHLORIDE MG/L	55	22
CHROMIUM UG/L	< 5	< 6
COBALT UG/L	< 3.0	< 3.0
COLIFORM COL/100 ML	--	--
COPPER UG/L	21	2100
CYANIDE MG/L	0	0
DISS SOLIDS SUM MG/L	250	243
FLUORIDE MG/L	.80	.10
GALLIUM UG/L	< 3.0	< 3.0
GERMANIUM UG/L	< 11	< 13
HARDNESS TOTAL MG/L	140	198
HARDNESS NONCARB MG/L	76	46
IRON UG/L	14	26
LEAD UG/L	< 3.0	30
LITHIUM UG/L	< 10	< 10
MAGNESIUM MG/L	11	16
MANGANESE UG/L	2.0	140
MBAS MG/L	.01	.08
MERCURY UG/L	< .50	< .50
MOLYBDENUM UG/L	< 3.0	< 3.0
NICKEL UG/L	3.0	< 3.0
NITRATE AS N MG/L	1.3	3.5
NITRITE AS N MG/L	--	--
NITROGEN NH4 AS N MG/L	--	--
NITROGEN NH4+ORG-N MG/L	.34	0
PH UNITS	6.9	7.4
PHENOLS UG/L	1<	2.0
PHOSPHORUS AS P MG/L	.01	.01
POTASSIUM MG/L	3.0	2.5
RUBIDIUM UG/L	--	--
SELENIUM UG/L	0	2
SILICA MG/L	4.8	13
SILVER UG/L	< 2.0	< 2.0
SODIUM MG/L	31	13
SPECIFIC COND UMHOS	448	433
STRONTIUM UG/L	120	180
SULFATE MG/L	61	29
TIN UG/L	< 5.0	< 6.0
TITANIUM UG/L	< 3.0	< 3.0
VANADIUM UG/L	< 3.0	< 3.0
ZINC UG/L	< 230	270
ZIRCONIUM UG/L	< 11	< 13

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

WYOMING COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	423206078252900	ARCADE(V)-SPRINGS
B	425011078153000	ATTICA(V)-CHOW CREEK RESERVOIR
C	425011078153001	ATTICA(V)-CHOW CREEK RESERVOIR

SYSTEM(S) ON THIS PAGE...	A	B	B	C	C	C	C	C	C
TYPE OF WATER SAMPLED...	DISTRBN	RAW	RAW	RAW	RAW	RAW	TREATED	TREATED	TREATED
DATE.....	04/13/72	11/29/71	06/14/73	09/21/73	12/14/73	03/06/74	11/29/71	04/14/73	09/21/73
ALUMINUM UG/L	4.0	41	120	130	42	1300	460	480	140
ARSENIC UG/L	0	7	0	0	< 1	1	5	0	< 1
BARIUM UG/L	42	47	36	41	43	37	41	42	41
BERYLLIUM UG/L	< 2.0	< .40	< 2.0	< 2.0	< 1.0	< .60	< .40	< 1.0	< 2.0
BICARBONATE MG/L	161	128	117	106	97	56	114	112	100
BISMUTH UG/L	< 5.0	< 3.0	< 4.0	< 4.0	< 5.0	< 3.0	< 3.0	< 4.0	< 4.0
BORON UG/L	6.0	30	14	18	21	28	32	17	16
CADMIUM UG/L	0	0	0	0	0	0	0	0	0
CALCIUM MG/L	53	39	39	31	34	20	40	40	34
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	5.9	16	17	18	17	11	21	20	20
CHROMIUM UG/L	< 10	< 3	< 1	< 2	< 2	< 2	< 3	< 2	< 2
COBALT UG/L	< 5.0	< 3.0	< 3.0	< 4.0	< 2.0	< 3.0	< 3.0	< 2.0	< 4.0
COLIFORM CUL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	3.0	19	2.0	< 1.0	5.0	2.0	24	19	12
CYANIDE MG/L	0	0	.01	0	.01	0	0	0	0
DISS SOLIDS SUM MG/L	182	165	151	140	160	95	169	157	151
FLUORIDE MG/L	0	.20	.20	.30	.40	.10	.20	.30	.40
GALLIUM UG/L	< 5.0	< .40	< 2.0	< 2.0	< 2.0	< 2.0	< .40	< 2.0	< 2.0
GERMANIUM UG/L	< 10	< 4.0	< 4.0	< 4.0	< 4.0	< 3.0	< 4.0	< 4.0	< 4.0
HARDNESS TOTAL MG/L	170	132	128	107	128	67	134	130	115
HARDNESS NONCARB MG/L	33	27	32	20	47	21	41	38	33
IRON UG/L	< 5.0	180	160	370	4600	1300	98	29	7.0
LEAD UG/L	< 5.0	< 2.0	< 4.0	< 4.0	< 2.0	< 2.0	< 2.0	< 3.0	< 4.0
LITHIUM UG/L	< 10	< 10	0	0	0	0	< 10	0	0
MAGNESIUM MG/L	9.1	8.4	7.4	7.2	10	4.2	8.3	7.2	7.4
MANGANESE UG/L	< 5.0	530	59	470	57	88	50	11	17
MBAS MG/L	.04	.02	.05	.01	.02	.03	.03	.03	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
NICKEL UG/L	< 5.0	< 4.0	< 2.0	< 4.0	4.0	3.0	< 4.0	< 4.0	< 4.0
NITRATE AS N MG/L	2.1	.20	.19	.15	.38	.67	.20	.17	.16
NITRITE AS N MG/L	--	--	.01	.00	.10	.02	--	0	.00
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	0	.31	.32	.33	.29	.17	.19	.14	.07
PH UNITS	7.9	7.8	7.5	7.5	7.7	7.6	7.4	7.5	7.4
PHENOLS UG/L	--	16	--	--	--	--	2.0	--	--
PHOSPHORUS AS P MG/L	.00	.02	.02	.03	.01	< .03	.04	.01	.01
POTASSIUM MG/L	.90	2.6	1.4	1.7	2.1	1.6	2.2	1.3	1.8
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	0	1	3	1	< 1	0	0	1
SILICA MG/L	6.3	3.2	3.3	3.2	3.2	2.2	3.2	2.9	2.9
SILVER UG/L	< .40	< .20	< .40	0	< .40	< .30	< .20	< .60	0
SODIUM MG/L	8.3	9.2	8.2	8.4	9.6	5.2	9.2	7.5	8.3
SPECIFIC CND UMHOS	335	292	279	268	290	183	310	275	287
STRONTIUM UG/L	37	100	51	70	43	57	100	82	84
SULFATE MG/L	14	23	17	18	36	22	29	23	27
TIN UG/L	< 5.0	< 4.0	< 4.0	< 4.0	< 4.0	< 3.0	< 4.0	< 4.0	< 4.0
TITANIUM UG/L	< 2.0	< 2.0	< 3.0	< 3.0	2.0	66	< 5.0	< 3.0	< 3.0
VANADIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	2.0	< 5.0	< 2.0	< 2.0
ZINC UG/L	< 200	< 260	0	50	0	10	< 270	10	130
ZIRCONIUM UG/L	< 10	< 9.0	< 8.0	< 6.0	< 4.0	< 5.0	< 9.0	< 8.0	< 6.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

WYOMING COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND NEW SOURCE OF WATER SAMPLED
A	425011078153001	ATTICA(V)-CROW CREEK RESERVOIR
B	423449078152000	ELISS WATER SUPPLY COMPANY-SPRINGS
C	423802078025500	CASTILE(V)-SPRINGS&WELLS
D	424102078201500	NORTH JAVA WD-WELL
E	424318077593500	PERRY(V)-SPRINGS
F	423720079091300	PIKE(V)-SPRINGS
G	423937079050200	SILVER SPRINGS(V)-SPRINGS
H	424541078184800	VARYSBURG WD #1-WELL

SYSTEM(S) ON THIS PAGE..	A	A	B	C	D	E	F	G	H
TYPE OF WATER SAMPLED...	TREATED	TREATED	DISTRIBN	DISTRIBN	DISTRIBN	DISTRIBN	DISTRIBN	DISTRIBN	DISTRIBN
DATE.....	12/19/73	03/06/74	06/13/72	11/30/71	11/15/73	06/08/72	08/08/72	08/08/72	06/13/72
ALUMINUM UG/L	300	70	3.0	23	20	15	48	47	7.0
ARSENIC UG/L	< 1	< 1	0	0	1	1	0	0	0
BARIUM UG/L	35	30	21	57	40	25	100	140	270
BERYLLIUM UG/L	< 1.0	< .60	< 3.0	< 1.0	< 2.0	< 2.0	< 3.0	< 3.0	< 3.0
BICARBONATE MG/L	97	36	175	194	166	88	203	216	230
BISMUTH UG/L	< 5.0	< 3.0	< 5.0	< 4.0	< 5.0	< 4.0	< 6.0	< 6.0	< 6.0
BORON UG/L	14	17	9.0	8.0	17	10	4.0	9.0	47
CADMIUM UG/L	0	0	0	< 1	0	0	0	0	0
CALCIUM MG/L	34	24	59	59	48	37	78	62	53
CARBONATE MG/L	0	0	0	0	0	0	0	0	0
CHLORIDE MG/L	20	14	4.2	10	5.4	22	13	5.2	3.5
CHROMIUM UG/L	< 2	< 2	< 11	< 4	< 3	< 4	< 6	< 6	< 11
COBALT UG/L	< 2.0	< 3.0	< 5.0	< 6.0	< 3.0	< 2.0	< 3.0	< 3.0	< 6.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	7.0	30	11	9.0	7.0	71	7.0	3.0	24
CYANIDE MG/L	.02	0	0	0	0	.01	0	0	0
DISS SOLIDS SUM MG/L	170	110	200	224	175	148	255	247	215
FLUORIDE MG/L	.40	.20	.10	.20	.20	1.0	.10	.30	.10
GALLIUM UG/L	< 2.0	< 2.0	< 5.0	< 1.0	< 3.0	< 2.0	< 3.0	< 3.0	< 6.0
GERMANIUM UG/L	< 4.0	< 3.0	< 11	< 6.0	< 5.0	< 4.0	< 6.0	< 6.0	< 11
HARDNESS TOTAL MG/L	130	78	193	201	164	122	232	217	196
HARDNESS NONCARB MG/L	50	44	49	50	13	51	66	39	5
IRON UG/L	50	17	14	120	20	48	26	110	120
LEAD UG/L	< 2.0	< 2.0	< 5.0	< 3.0	< 3.0	< 3.0	< 4.0	< 4.0	< 6.0
LITHIUM UG/L	0	0	< 10	< 10	0	< 10	10	< 10	10
MAGNESIUM MG/L	7.4	4.4	11	13	12	7.2	14	15	15
MANGANESE UG/L	6.0	< 2.0	< 5.0	8.0	< 3.0	11	34	18	52
MBAS MG/L	.02	0	.05	.02	.01	.02	0	0	.01
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< 1.0	< 3.0	< 1.0	< 2.0	< 2.0	< 3.0	3.0	< 3.0
NICKEL UG/L	< 4.0	< 2.0	< 5.0	< 4.0	< 3.0	< 4.0	< 6.0	< 6.0	10
NITRATE AS N MG/L	.50	.70	4.2	2.1	.98	.10	.40	.10	.01
NITRITE AS N MG/L	.00	0	--	--	.00	--	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--	--	--	--	--	--	--
NITROGEN NH4+ORG-N MG/L	.15	.05	0	.20	.08	.37	.15	.08	.18
PH UNITS	7.4	6.6	7.8	7.7	8.0	7.6	8.1	7.8	7.4
PHENOLS UG/L	--	--	--	4.0	--	--	--	--	--
PHOSPHORUS AS P MG/L	.01	.01	.02	.20	.00	.03	.08	.46	.01
POTASSIUM MG/L	2.1	1.6	1.5	.40	1.4	1.8	.78	.80	.70
RUBIDIUM UG/L	--	--	--	--	--	--	--	--	--
SELENIUM UG/L	1	1	0	0	11	0	0	0	2
SILICA MG/L	2.7	2.1	6.7	8.9	5.2	1.4	7.4	9.6	13
SILVER UG/L	< .40	< .30	< 1.0	< .40	< .50	< .40	< .60	< .60	< 2.0
SODIUM MG/L	9.5	5.0	2.4	5.2	6.2	7.0	3.5	4.9	9.0
SPECIFIC COND UMHOS	307	200	370	389	358	292	438	414	376
STRONTIUM UG/L	82	58	40	74	64	40	48	110	430
SULFATE MG/L	40	40	25	34	22	28	46	42	8.0
TIN UG/L	< 4.0	< 3.0	< 5.0	< 6.0	< 5.0	< 3.0	< 4.0	< 4.0	< 6.0
TITANIUM UG/L	< 2.0	< 2.0	< 3.0	< 3.0	< 3.0	< 3.0	< 4.0	< 4.0	< 3.0
VANADIUM UG/L	< 2.0	< 2.0	< 3.0	< 3.0	< 3.0	< 2.0	< 3.0	< 3.0	< 3.0
ZINC UG/L	10	50	< 220	< 250	40	< 240	330	< 330	< 240
ZIRCONIUM UG/L	< 4.0	< 4.0	< 11	< 12	< 5.0	< 4.0	< 6.0	< 6.0	< 11

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION 1. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

WYOMING COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	424056078070900	WARSAW(V)-OATKA CREEK
B	424056078070901	WARSAW(V)-OATKA CREEK
C	424945078045900	WYOMING(V)-WELL

SYSTEM(S) ON THIS PAGE..	A	B	C
TYPE OF WATER SAMPLED...	RAW	TREATED	DISTRBN
DATE.....	11/15/73	11/15/73	11/15/73
ALUMINUM UG/L	140	35	30
ARSENIC UG/L	1	2	1
BARIUM UG/L	80	80	65
BERYLLIUM UG/L	< 1.0	< 1.0	< 2.0
BICARBONATE MG/L	143	142	234
BISMUTH UG/L	< 5.0	< 5.0	< 8.0
BORON UG/L	13	12	30
CADMIUM UG/L	1	0	0
CALCIUM MG/L	50	52	55
CARBONATE MG/L	0	0	0
CHLORIDE MG/L	8.2	12	23
CHROMIUM UG/L	< 3	< 3	< 4
COBALT UG/L	< 3.0	< 3.0	< 4.0
COLIFORM COL/100 ML	--	--	--
COPPER UG/L	1.0	8.0	8.0
CYANIDE MG/L	0	0	.01
DISS SOLIDS SUM MG/L	196	209	277
FLUORIDE MG/L	.20	1.0	.20
GALLIUM UG/L	< 2.0	< 2.0	< 4.0
GERMANIUM UG/L	< 4.0	< 4.0	< 7.0
HARDNESS TOTAL MG/L	174	179	207
HARDNESS NONCARB MG/L	57	63	15
IRON UG/L	110	15	20
LEAD UG/L	< 4.0	< 4.0	< 5.0
LITHIUM UG/L	0	0	0
MAGNESIUM MG/L	12	12	17
MANGANESE UG/L	20	< 3.0	< 4.0
MBAS MG/L	.01	.01	.01
MERCURY UG/L	< .50	< .50	.70
MOLYBDENUM UG/L	2.0	2.0	< 2.0
NICKEL UG/L	< 3.0	< 3.0	< 4.0
NITRATE AS N MG/L	2.3	2.3	2.0
NITRITE AS N MG/L	.00	.00	.01
NITROGEN NH4 AS N MG/L	--	--	--
NITROGEN NH4+ORG-N MG/L	.19	.29	.02
PH UNITS	7.9	7.5	7.5
PHENOLS UG/L	--	--	--
PHOSPHORUS AS P MG/L	.04	.01	0
POTASSIUM MG/L	1.2	1.0	2.2
RUBIDIUM UG/L	--	--	--
SELENIUM UG/L	6	6	0
SILICA MG/L	5.2	6.5	6.2
SILVER UG/L	< .40	< .40	< .70
SODIUM MG/L	3.5	3.7	14
SPECIFIC COND UMHOS	354	373	558
STRONTIUM UG/L	80	80	140
SULFATE MG/L	42	49	42
TIN UG/L	< 5.0	< 5.0	< 8.0
TITANIUM UG/L	3.0	< 3.0	< 4.0
VANADIUM UG/L	< 3.0	< 3.0	< 4.0
ZINC UG/L	30	40	80
ZIRCONIUM UG/L	< 5.0	--	< 8.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

YATES COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	423123076585000	DUNDEE(V)-WELLS
B	424215077161900	MIDDLESEX WD-SPRINGFED RESERVOIR
C	423858077044500	PENN YAN(V)-KEUKA LAKE
D	423858077044501	PENN YAN(V)-KEUKA LAKE

SYSTEM(S) ON THIS PAGE..	A	B	C	C	C	C	C	D	D
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	RAW	RAW	RAW	RAW	RAW	TREATED	TREATED
DATE.....	02/24/72	02/28/73	01/18/71	07/14/71	10/20/71	01/19/72	04/12/72	01/18/71	07/14/71
ALUMINUM UG/L	2.0	24	5.0	20	16	92	22	20	44
ARSENIC UG/L	0	0	10	0	0	0	0	0	0
BARIUM UG/L	51	17	12	16	16	15	16	19	13
BERYLLIUM UG/L	< 2.0	< 2.0	< .50	< 1.0	< .70	< .70	< 2.0	< .50	< 1.0
BICARBONATE MG/L	237	151	94	95	91	94	88	78	92
BISMUTH UG/L	< 9.0	< 5.0	< 2.0	< 5.0	< 3.0	< 3.0	< 3.0	< 2.0	< 5.0
BORON UG/L	7.0	10	14	8.0	15	13	9.0	14	8.0
CADMIUM UG/L	0	0	0	0	0	0	0	--	0
CALCIUM MG/L	98	43	33	30	24	30	30	26	29
CARBONATE MG/L	0	0	0	0	0	0	0	6	0
CHLORIDE MG/L	13	9.0	9.4	8.2	9.0	9.5	9.7	7.5	7.6
CHROMIUM UG/L	< 10	< 5	< 2	< 3	< 2	< 3	< 7	< 2	< 3
COBALT UG/L	< 9.0	< 5.0	< 2.0	< 2.0	< 3.0	< 2.0	< 3.0	< 2.0	< 2.0
COLIFORM COL/100 ML	--	--	--	--	--	--	--	--	--
COPPER UG/L	2000	130	2.0	3.0	2.0	4.0	4.0	15	35
CYANIDE MG/L	0	0	0	0	0	0	0	0	0
DISS SOLIDS SUM MG/L	389	188	135	126	124	133	131	114	127
FLUORIDE MG/L	.10	.10	1.0	.30	.30	.80	.80	0	.80
GALLIUM UG/L	< 2.0	< 2.0	< 2.0	< 2.0	< .70	< .70	< 3.0	< 2.0	< 2.0
GERMANIUM UG/L	< 10	< 5.0	< 3.0	< 6.0	< 5.0	< 3.0	< 7.0	< 3.0	< 6.0
HARDNESS TOTAL MG/L	331	147	110	102	101	110	109	92	100
HARDNESS NONCARB MG/L	137	23	32	24	24	33	36	18	25
IRON UG/L	280	52	14	95	130	140	280	17	72
LEAD UG/L	29	< 3.0	3.0	3.0	4.0	6.0	9.0	1.0	< 2.0
LITHIUM UG/L	< 10	< 10	1.0	1.0	< 10	< 10	< 10	2.0	1.0
MAGNESIUM MG/L	21	9.6	6.6	6.5	6.9	8.6	8.2	6.5	6.7
MANGANESE UG/L	< 9.0	60	6.0	3.0	7.0	8.0	13	2.0	3.0
MBAS MG/L	.05	0	.01	.02	.02	.02	.01	0	.02
MERCURY UG/L	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50	< .50
MOLYBDENUM UG/L	< 4.0	< 2.0	< .60	< .60	< 2.0	< .70	< 2.0	< .70	< .60
NICKEL UG/L	< 10	< 5.0	< 3.0	< 3.0	< 3.0	< 2.0	< 2.0	< 4.0	< 3.0
NITRATE AS N MG/L	5.4	.20	.15	.10	0	.10	.20	.09	.10
NITRITE AS N MG/L	--	--	.01	.01	--	--	--	0	0
NITROGEN NH4 AS N MG/L	--	--	.05	.10	--	--	--	.09	.03
NITROGEN NH4+ORG-N MG/L	.02	.22	--	.14	.45	.11	.14	--	.27
PH UNITS	8.0	6.3	7.0	8.1	8.2	7.6	7.4	8.7	7.9
PHENOLS UG/L	2.0	--	1.0	4.0	3.0	0	1.0	0	2.0
PHOSPHORUS AS P MG/L	0	.01	.04	0	.01	.01	.06	.02	.01
POTASSIUM MG/L	1.0	1.0	1.7	2.7	1.8	1.8	1.9	1.7	2.7
RUBIDIUM UG/L	--	--	.80	< 1.0	--	--	--	< 1.0	< 1.0
SELENIUM UG/L	0	2	0	0	4	1	3	1	3
SILICA MG/L	7.1	1.3	1.6	.70	.30	1.0	.90	.60	.60
SILVER UG/L	< 2.0	< .50	< .20	< .40	< .20	< .20	< 2.0	.20	< .30
SODIUM MG/L	6.7	5.2	5.2	4.8	5.4	5.4	5.3	4.8	5.0
SPECIFIC COND UMHOS	637	304	245	233	231	242	245	212	239
STRONTIUM UG/L	140	64	76	77	85	80	72	92	67
SULFATE MG/L	100	24	30	26	24	30	31	22	29
TIN UG/L	< 10	< 5.0	< 2.0	< 3.0	< 5.0	< 3.0	< 3.0	< 2.0	< 3.0
TITANIUM UG/L	< 9.0	< 3.0	1.0	< 2.0	< 3.0	4.0	< 3.0	2.0	< 2.0
VANADIUM UG/L	< 9.0	< 3.0	< 2.0	< 3.0	< 2.0	< 2.0	< 3.0	< 2.0	< 3.0
ZINC UG/L	610	< 190	< 120	< 180	< 200	< 200	< 150	< 140	< 140
ZIRCONIUM UG/L	< 9.0	< 5.0	< 6.0	< 8.0	< 7.0	< 7.0	< 7.0	< 7.0	< 6.0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION I. MAJOR AND MINOR CONSTITUENTS AND PHYSICAL PROPERTIES (CONTINUED)

YATES COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	423858077044501	PENN YAN(V)-KEUKA LAKE
SYSTEM(S) ON THIS PAGE..	A	A	A
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED
DATE.....	10/20/71	01/19/72	04/12/72
ALUMINUM UG/L	30	48	28
ARSENIC UG/L	0	0	1
BARIUM UG/L	15	16	15
BERYLLIUM UG/L	< .70	< .70	< 2.0
BICARBONATE MG/L	88	94	88
BISMUTH UG/L	< 3.0	< 3.0	< 4.0
BORON UG/L	13	13	4.0
CADMIUM UG/L	0	0	0
CALCIUM MG/L	30	32	30
CARBONATE MG/L	0	0	0
CHLORIDE MG/L	9.0	9.4	10
CHROMIUM UG/L	< 2	< 3	< 7
COBALT UG/L	< 3.0	< 2.0	< 4.0
COLIFORM COL/100 ML	--	--	--
COPPER UG/L	40	45	36
CYANIDE MG/L	0	0	0
DISS SOLIDS SUM MG/L	127	136	133
FLUORIDE MG/L	.40	.80	.80
GALLIUM UG/L	< .70	< .70	< 4.0
GERMANIUM UG/L	< 5.0	< 3.0	< 7.0
HARDNESS TOTAL MG/L	104	116	109
HARDNESS NONCARB MG/L	32	39	37
IRON UG/L	75	58	360
LEAD UG/L	< 3.0	< 3.0	< 4.0
LITHIUM UG/L	< 10	< 10	< 10
MAGNESIUM MG/L	7.1	8.7	8.3
MANGANESE UG/L	7.0	6.0	8.0
MBAS MG/L	.02	.01	.01
MERCURY UG/L	< .50	< .50	< .50
MOLYBDENUM UG/L	< 2.0	< .70	< 2.0
NICKEL UG/L	< 3.0	< 2.0	< 2.0
NITRATE AS N MG/L	0	.10	.20
NITRITE AS N MG/L	--	--	--
NITROGEN NH4 AS N MG/L	--	--	--
NITROGEN NH4+ORG-N MG/L	.24	.10	.15
PH UNITS	8.0	7.6	7.6
PHENOLS UG/L	6.0	0	0
PHOSPHORUS AS P MG/L	.02	.01	.01
POTASSIUM MG/L	2.0	1.8	1.8
RUBIDIUM UG/L	--	--	--
SELENIUM UG/L	0	2	3
SILICA MG/L	.28	1.0	.90
SILVER UG/L	< .20	< .20	< 2.0
SODIUM MG/L	5.4	5.5	5.4
SPECIFIC COND UMHOS	237	243	242
STRONTIUM UG/L	76	78	56
SULFATE MG/L	30	30	32
TIN UG/L	< 5.0	< 3.0	< 4.0
TITANIUM UG/L	< 3.0	< 2.0	< 4.0
VANADIUM UG/L	< 2.0	< 2.0	< 4.0
ZINC UG/L	< 200	< 200	< 150
ZIRCONIUM UG/L	< 7.0	< 7.0	< 7.0

Table 2.--Chemical analyses of water from community systems in New York, November 1970-May 1975

SECTION II

Pesticides and related constituents

Values for all constituents are "total." Some values are published herein where none were previously published; some values herein supersede those previously published.

DEFINITIONS

TOT ORG CARBON	Total organic carbon
PCB	polychlorinated biphenyls
PCN	polychlorinated napthalenes

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

ALBANY COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	423303073520W00	ALBANY(C)-ALCOVE RESERVOIR
B	424657073422600	COHOES(C)-MOHAWK RIVER
C	424657073422601	COHOES(C)-MOHAWK RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	B	B	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	01/26/71	07/11/72	10/18/72	01/11/73	04/17/73	11/04/70	07/13/71	10/14/71	04/06/72
TOT ORG CARBON MG/L	3.0	1.0	0	2.2	14	6.0	8.0	3.0	3.0
PCB UG/L	--	0	< .1	0	0	--	< .1	< .1	0
PCN UG/L	--	--	--	--	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0	0	0	0	0
CHLORDANE UG/L	--	0	< .1	0	0	--	0	0	0
DDD UG/L	0	0	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0	0	0
DIAZINON UG/L	0	0	0	0	0	0	0	0	0
DIELDRIN UG/L	0	0	0	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	--	0	0	0	0	--	0	0	0
LINDANE UG/L	0	0	0	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	--	0	0	0	0	--	0	0	0
METHYL PARATHION UG/L	0	0	0	0	0	0	.03	0	0
METHYL TRITHION UG/L	--	0	0	0	0	--	0	0	0
PARATHION UG/L	0	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	--	0	< .1	0	0	--	0	0	0
TRITHION UG/L	0	0	0	0	0	0	0	0	0
2,4-D UG/L	0	0	0	0	0	0	--	0	0
2,4,5-T UG/L	0	0	0	0	0	0	--	0	0
SILVER UG/L	0	0	0	0	0	0	--	0	0

SYSTEM(S) ON THIS PAGE..	B	B	B	C	C	C	C	C	C
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	07/13/72	06/11/73	09/17/73	11/04/70	07/15/71	10/14/71	04/06/72	07/13/72	06/11/73
TOT ORG CARBON MG/L	3.0	4.1	6.3	6.0	5.0	3.0	0	1.0	83
PCB UG/L	0	0	0	--	0	0	0	.1	0
PCN UG/L	--	--	--	--	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0	0	0	0	0
CHLORDANE UG/L	0	0	0	--	0	0	0	0	0
DDD UG/L	0	0	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0	0	0
DIAZINON UG/L	0	0	0	0	0	0	0	0	0
DIELDRIN UG/L	0	.04	< .01	0	0	0	0	0	< .01
ENDRIN UG/L	0	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	0	--	0	0	0	0	0
LINDANE UG/L	0	0	0	.01	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	0	0	0	--	0	0	0	0	0
METHYL PARATHION UG/L	0	0	0	0	.01	0	.02	0	0
METHYL TRITHION UG/L	0	0	0	--	0	0	0	0	0
PARATHION UG/L	0	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	0	0	0	--	0	0	0	0	0
TRITHION UG/L	0	0	0	0	0	0	--	0	0
2,4-D UG/L	0	0	.03	0	0	0	0	.22	0
2,4,5-T UG/L	0	0	0	0	0	0	0	0	0
SILVER UG/L	0	0	0	0	0	0	0	0	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

ALBANY COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	424657073422601	COHOES(C)-MOHAWK RIVER
B	424421073413401	GREEN ISLAND(V)-WELLS
L	424421073413400	GREEN ISLAND(V)-WELLS
U	424724073470100	LATHAM WJ-MOHAWK RIVER

SYSTEM(S) ON THIS PAGE..	A	H	H	H	H	C	C	C	C
TYPE OF WATER SAMPLED...	TREATED	RAW	RAW	RAW	RAW	TREATED	TREATED	TREATED	TREATED
DATE.....	09/17/73	11/09/70	07/12/71	10/14/71	04/06/72	11/09/70	07/12/71	10/14/71	04/06/72
TOT ORG CARBON MG/L	3.3	4.0	9.0	8	8	8.0	6.0	2.0	8
PCB UG/L	0	--	0	0	0	--	--	< .1	0
PCN UG/L	--	--	--	--	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0	0	--	0	0
CHLORDANE UG/L	0	--	0	0	0	--	--	0	0
DDD UG/L	0	0	0	0	0	0	--	0	0
DDE UG/L	0	0	0	0	0	0	--	0	0
DDT UG/L	0	0	0	0	0	0	--	0	0
DIAZINON UG/L	0	--	0	0	0	--	--	.03	0
DIELDRIN UG/L	0	0	0	0	0	0	--	0	0
ENDRIN UG/L	0	0	0	0	0	0	--	0	0
ETHION UG/L	0	0	0	0	0	0	--	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	--	0	0
HEPTACHLOR EPOXIDE UG/L	0	--	0	0	0	--	--	0	0
LINDANE UG/L	0	0	0	0	0	0	--	0	0
MALATHION UG/L	0	0	0	0	0	0	--	0	0
METHOXYCHLOR UG/L	0	--	0	0	0	--	--	0	0
METHYL PARATHION UG/L	0	0	0	0	0	0	--	0	0
METHYL TRITHION UG/L	0	--	0	0	0	--	--	0	0
PARATHION UG/L	0	0	0	0	0	0	--	0	0
TOXAPHENE UG/L	0	--	0	0	0	--	--	0	0
TRITHION UG/L	0	0	0	0	0	0	--	0	0
2,4-D UG/L	.02	0	0	0	0	0	0	0	--
2,4,5-T UG/L	0	0	0	0	0	0	0	0	--
SILVEX UG/L	0	0	0	0	0	0	0	0	--

SYSTEM(S) ON THIS PAGE..	U	D	D	D	D	U	D	U	D
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	11/09/70	07/12/71	10/14/71	04/06/72	07/12/72	10/18/72	01/10/73	04/17/73	08/21/74
TOT ORG CARBON MG/L	6.0	12	3.0	4.0	4.0	3.0	2.0	22	5.1
PCB UG/L	--	.1	< .1	0	.1	< .1	0	.1	0
PCN UG/L	--	--	--	--	--	--	--	--	0
ALDRIN UG/L	0	--	0	0	0	0	0	0	0
CHLORDANE UG/L	--	0	0	0	0	< .1	0	0	0
DDD UG/L	0	0	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0	0	0
DIAZINON UG/L	--	0	.05	0	0	0	0	0	0
DIELDRIN UG/L	0	0	0	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	--	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	--	0	0	0	0	0	0	0	0
LINDANE UG/L	0	--	0	0	0	0	0	0	--
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	--	0	0	0	0	0	0	0	0
METHYL PARATHION UG/L	0	.04	0	0	0	0	0	0	0
METHYL TRITHION UG/L	--	0	0	0	0	0	0	0	0
PARATHION UG/L	0	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	--	0	0	0	0	< .1	0	0	0
TRITHION UG/L	0	0	0	0	0	0	0	0	--
2,4-D UG/L	0	.03	--	0	0	.01	0	0	--
2,4,5-T UG/L	0	< .01	--	0	0	0	0	0	--
SILVEX UG/L	0	0	--	0					

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

ALBANY COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	424724073470100	LATHAM WD-MOHAWK RIVER
B	424724073470101	LATHAM WD-MOHAWK RIVER
C	422809073491400	RAVENA(V)-HANNACROIS CREEK
D	422809073491401	RAVENA(V)-HANNACROIS CREEK
E	423059074082900	RENSSELAERVILLE(V)-RENSSELAERVILLE RESERVOIR
F	423057074081900	RENSSELAERVILLE(V)-RENSSELAERVILLE RESERVOIR

SYSTEM(S) ON THIS PAGE..	A	A	B	B	H	H	H	H	H
TYPE OF WATER SAMPLED...	RAW	RAW	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	07/19/74	09/12/74	11/09/70	07/12/71	10/14/71	04/06/72	06/21/74	07/19/74	09/12/74
TOT ORG CARBON MG/L	5.1	6.7	6.0	6.0	0	3.0	2.6	6.2	5.4
PCB UG/L	0	0	--	0	0	0	0	0	0
PCN UG/L	0	0	--	--	--	--	0	0	0
ALDRIN UG/L	0	0	0	0	0	0	0	0	0
CHLORDANE UG/L	0	0	--	0	0	0	0	0	0
DDD UG/L	0	0	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0	0	0
DIAZINON UG/L	0	.01	--	0	0	0	0	0	0
DIELDRIN UG/L	0	0	0	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	--	0	0	0	0	0	0
LINDANE UG/L	0	0	0	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	--	--	--	0	0	0	--	--	--
METHYL PARATHION UG/L	0	0	0	.04	0	.01	0	0	0
METHYL TRITHION UG/L	0	0	--	0	0	0	0	0	0
PARATHION UG/L	0	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	0	0	--	0	0	0	0	0	0
TRITHION UG/L	0	0	0	0	0	0	0	0	0
2,4-D UG/L	4.0	0	0	.01	.04	0	0	.40	0
2,4,5-T UG/L	0	.01	0	0	0	0	.02	0	0
SILVEX UG/L	0	0	0	0	0	0	0	0	0

SYSTEM(S) ON THIS PAGE..	C	C	D	D	E	E	F	F
TYPE OF WATER SAMPLED...	RAW	RAW	TREATED	TREATED	RAW	RAW	TREATED	TREATED
DATE.....	06/20/74	10/08/74	06/20/74	10/08/74	06/21/74	10/08/74	06/21/74	10/08/74
TOT ORG CARBON MG/L	2.6	4.2	3.7	3.0	3.9	6.3	4.7	3.9
PCB UG/L	0	0	0	0	0	0	0	0
PCN UG/L	0	0	0	0	0	0	0	0
ALDRIN UG/L	0	0	0	0	0	0	0	0
CHLORDANE UG/L	0	0	0	0	0	0	0	0
DDD UG/L	0	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0	0
DIAZINON UG/L	0	0	0	0	0	0	0	0
DIELDRIN UG/L	0	0	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	0	0	0	0	0	0
LINDANE UG/L	0	0	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	--	--	--	--	--	--	--	--
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0
METHYL TRITHION UG/L	0	0	0	0	0	0	0	0
PARATHION UG/L	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	0	0	0	0	0	0	0	0
TRITHION UG/L	0	0	0	0	0	0	0	0
2,4-D UG/L	0	0	0	0	0	0	0	0
2,4,5-T UG/L	0	0	0	0	0	0	0	0
SILVEX UG/L	0	0	0	0	0	0	0	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

ALLEGANY COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	420705077565100	WELLSVILLE(V)-GENESEE RIVER
B	420705077565101	WELLSVILLE(V)-GENESEE RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	B	B	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	TREATED	TREATED	TREATED	TREATED
DATE.....	11/17/70	07/12/71	10/18/71	04/10/72	11/17/70	07/12/71	10/18/71	04/10/72
TOT ORG CARBON MG/L	2.0	4.0	0	0	1.0	4.0	0	0
PCB UG/L	--	0	0	0	--	0	0	0
PCN UG/L	--	--	--	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0	0	0	0
CHLORDANE UG/L	--	0	0	0	--	0	0	0
DDD UG/L	0	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0	0
DIAZINON UG/L	--	0	0	0	--	0	0	0
DIELDRIN UG/L	0	0	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	--	0	0	0	--	0	0	0
LINDANE UG/L	0	0	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	--	0	0	0	--	0	0	0
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0
METHYL TRITHION UG/L	--	0	0	0	--	0	0	0
PARATHION UG/L	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	--	0	0	0	--	0	0	0
TRITHION UG/L	0	0	0	0	0	0	0	0
2,4-D UG/L	0	0	0	0	0	0	0	0
2,4,5-T UG/L	0	0	0	0	0	0	0	0
SILVEX UG/L	0	0	0	0	0	0	0	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

BROOME COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	420600075534000	BINGHAMTON(C)-SUSQUEHANNA RIVER
B	420600075534001	BINGHAMTON(C)-SUSQUEHANNA RIVER
C	420542076031301	ENDICOTT(V)-WELLS
D	420542076031300	ENDICOTT(V)-WELLS

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	TREATED
DATE.....	11/18/70	07/15/71	10/21/71	04/12/72	07/11/72	10/17/72	01/09/73	04/19/73	11/18/70
TOT ORG CARBON MG/L	3.0	6.0	8.0	1.0	2.0	4.0	1.5	4.5	1.0
PCB UG/L	--	< .1	0	0	0	< .1	0	0	--
PCN UG/L	--	--	--	--	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0	0	0	0	0
CHLORDANE UG/L	--	0	0	0	0	< .1	0	0	--
DDD UG/L	0	0	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0	0	0
DIAZINON UG/L	--	0	0	0	0	0	0	0	--
DIELDRIN UG/L	0	0	0	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	--	0	0	0	0	0	0	0	--
LINDANE UG/L	0	0	0	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	--	0	0	0	0	0	0	0	--
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0	0
METHYL TRITHION UG/L	--	0	0	0	0	0	0	0	--
PARATHION UG/L	0	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	--	0	0	0	0	< .1	0	0	--
TRITHION UG/L	0	0	0	0	0	0	0	0	0
2,4-D UG/L	0	0	0	0	0	0	0	0	0
2,4,5-T UG/L	0	0	0	0	0	0	0	0	0
SILVEX UG/L	0	0	.01	0	0	0	0	0	0

SYSTEM(S) ON THIS PAGE..	B	B	B	C	C	C	D	D	D
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	RAW	RAW	RAW	TREATED	TREATED	TREATED
DATE.....	07/15/71	10/21/71	04/12/72	07/15/71	10/21/71	04/12/72	07/15/71	10/21/71	04/12/72
TOT ORG CARBON MG/L	7.0	0	0	21	9	--	7.0	0	--
PCB UG/L	0	0	0	0	0	0	0	0	0
PCN UG/L	--	--	--	--	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0	0	0	0	0
CHLORDANE UG/L	0	0	0	0	0	0	0	0	0
DDD UG/L	0	0	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0	0	0
DIAZINON UG/L	0	0	0	0	0	0	0	0	0
DIELDRIN UG/L	0	0	0	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	0	0	0	0	0	0	0
LINDANE UG/L	0	0	0	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	0	0	0	0	0	0	0	0	0
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0	0
METHYL TRITHION UG/L	0	0	0	0	0	0	0	0	0
PARATHION UG/L	0	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	0	0	0	0	0	0	0	0	0
TRITHION UG/L	0	0	0	0	0	0	0	0	0
2,4-D UG/L	.01	0	0	0	0	0	0	0	0
2,4,5-T UG/L	0	0	0	0	0	0	0	0	0
SILVEX UG/L	0	0	0	0	0	0	0	0	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

CATTARAUGUS COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	422719078560300	GOWANDA(V)-POINT PETER BROOK
B	422719078560301	GOWANDA(V)-POINT PETER BROOK
C	422719078561501	GOWANDA(V)-WELL #1
D	422719078561500	GOWANDA(V)-WELL #1
E	420550078255200	OLEAN(C)-OLEAN CREEK
F	420550078255201	OLEAN(C)-OLEAN CREEK

SYSTEM(S) ON THIS PAGE..	A	B	C	D	E	E	E	E	F
TYPE OF WATER SAMPLED...	RAW	TREATED	RAW	TREATED	RAW	RAW	RAW	RAW	TREATED
DATE.....	09/19/73	09/19/73	06/13/73	06/13/73	11/16/70	07/12/71	10/18/71	04/10/72	11/16/70
TOT ORG CARBON MG/L	89	2.6	0	0	4.0	7.0	3.0	0	1.0
PCB UG/L	0	0	0	0	--	0	0	0	--
PCN UG/L	--	--	--	--	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0	0	0	0	0
CHLORDANE UG/L	0	0	0	0	--	0	0	0	--
DDD UG/L	0	0	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0	0	0
DIAZINON UG/L	0	0	0	0	--	0	0	0	--
DIELDRIN UG/L	0	0	0	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	0	0	--	0	0	0	--
LINDANE UG/L	0	0	0	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	0	0	0	0	--	0	0	0	--
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0	0
METHYL TRITHION UG/L	0	0	0	0	--	0	0	0	--
PARATHION UG/L	0	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	0	0	0	0	--	0	0	0	--
TRITHION UG/L	0	0	0	0	0	0	0	0	0
2,4-D UG/L	0	--	0	0	0	< .01	0	0	0
2,4,5-T UG/L	0	--	0	0	0	0	0	0	0
SILVEX UG/L	0	--	0	0	0	0	0	0	0

SYSTEM(S) ON THIS PAGE..	F	F	F
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED
DATE.....	07/12/71	10/18/71	04/10/72
TOT ORG CARBON MG/L	4.0	0	1.0
PCB UG/L	0	0	0
PCN UG/L	--	--	--
ALDRIN UG/L	0	0	0
CHLORDANE UG/L	0	0	0
DDD UG/L	0	0	0
DDE UG/L	0	0	0
DDT UG/L	0	0	0
DIAZINON UG/L	0	0	0
DIELDRIN UG/L	0	0	0
ENDRIN UG/L	0	0	0
ETHION UG/L	0	0	0
HEPTACHLOR UG/L	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	0
LINDANE UG/L	0	0	0
MALATHION UG/L	0	0	0
METHOXYCHLOR UG/L	0	0	0
METHYL PARATHION UG/L	0	0	0
METHYL TRITHION UG/L	0	0	0
PARATHION UG/L	0	0	0
TOXAPHENE UG/L	0	0	0
TRITHION UG/L	0	0	0
2,4-D UG/L	0	0	0
2,4,5-T UG/L	0	0	0
SILVEX UG/L	0	0	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

CAYUGA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	+425508076325900	AUBURN(C)-OWASCO LAKE OUTLET
B	+425508076325901	AUBURN(C)-OWASCO LAKE OUTLET
C	+425447076434300	CAYUGA(V)-CAYUGA LAKE
D	+425447076434301	CAYUGA(V)-CAYUGA LAKE

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	TREATED	TREATED
DATE.....	10/27/70	07/14/71	10/20/71	04/12/72	07/13/72	05/10/74	09/11/74	10/27/70	07/14/71
TOT ORG CARBON MG/L	4.0	4.0	2.0	0	1.0	1.6	3.4	3.0	6.0
PCB UG/L	--	0	< .1	0	1.0	0	0	--	0
PCN UG/L	--	--	--	--	--	0	0	--	--
ALDRIN UG/L	0	0	0	0	0	0	0	0	0
CHLORDANE UG/L	--	0	0	0	0	0	0	--	0
DDD UG/L	0	0	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0	0	0
DIAZINON UG/L	--	0	0	0	0	0	0	--	0
DIELDRIN UG/L	0	0	0	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	--	0	0	0	0	0	0	--	0
LINDANE UG/L	0	0	0	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	--	0	0	0	0	--	--	--	0
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0	0
METHYL TRITHION UG/L	--	0	0	0	0	0	0	--	0
PARATHION UG/L	0	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	--	0	0	0	0	0	0	--	0
TRITHION UG/L	0	0	0	0	0	0	0	0	0
2,4-D UG/L	0	0	0	0	.01	0	0	0	0
2,4,5-T UG/L	.01	0	0	0	0	0	0	0	0
SILVER UG/L	0	0	0	0	0	0	0	0	0

SYSTEM(S) ON THIS PAGE..	B	B	B	B	B	C	D
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED	RAW	TREATED
DATE.....	10/20/71	04/12/72	07/13/72	05/10/74	09/11/74	10/28/70	10/28/70
TOT ORG CARBON MG/L	1.0	3.0	12	1.4	4.8	2.0	7.0
PCB UG/L	0	0	0	0	0	--	--
PCN UG/L	--	--	--	0	0	--	--
ALDRIN UG/L	0	0	0	0	0	0	0
CHLORDANE UG/L	0	0	0	0	0	--	--
DDD UG/L	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0
DIAZINON UG/L	0	0	0	0	0	--	--
DIELDRIN UG/L	0	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	0	0	0	--	--
LINDANE UG/L	0	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	0	0	0	--	--	--	--
METHYL PARATHION UG/L	0	0	0	0	0	0	0
METHYL TRITHION UG/L	0	0	0	0	0	--	--
PARATHION UG/L	0	0	0	0	0	0	0
TOXAPHENE UG/L	0	0	0	0	0	--	--
TRITHION UG/L	0	0	0	0	0	0	0
2,4-D UG/L	0	0	.01	0	0	0	0
2,4,5-T UG/L	0	0	0	0	0	0	0
SILVER UG/L	.01	0	0	0	0	0	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

CHAUTAUQUA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	421243079280200	CHAUTAUQUA INSTITUTE-CHAUTAUQUA LAKE
B	421243079280201	CHAUTAUQUA INSTITUTE-CHAUTAUQUA LAKE
C	422912079203300	DUNKIRK (C)-LAKE ERIE
D	422912079203301	DUNKIRK (C)-LAKE ERIE

SYSTEM(S) ON THIS PAGE..	A	B	C	C	C	C	C	C	C
TYPE OF WATER SAMPLED...	RAW	TREATED	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	11/16/70	11/16/70	11/16/70	07/12/71	10/18/71	04/10/72	07/11/72	05/29/73	07/11/73
TOT ORG CARBON MG/L	4.0	3.0	5.0	4.0	7.0	0	1.0	.9	0
PCB UG/L	--	--	--	0	0	0	0	0	0
PCN UG/L	--	--	--	--	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0	0	0	0	0
CHLORDANE UG/L	--	--	--	0	0	0	0	0	0
DDD UG/L	0	0	0	< .01	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0	0	0
DDT UG/L	0	0	0	.02	0	0	0	0	0
DIAZINON UG/L	--	--	--	0	0	0	0	0	0
DIELDRIN UG/L	0	0	0	< .01	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	--	--	--	0	0	0	0	0	0
LINDANE UG/L	0	0	0	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	--	--	--	0	0	0	0	0	0
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0	0
METHYL TRITHION UG/L	--	--	--	0	0	0	0	0	0
PARATHION UG/L	0	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	--	--	--	0	0	0	0	0	0
TRITHION UG/L	0	0	0	0	0	0	0	0	0
2,4-D UG/L	0	0	0	.02	0	--	.02	0	0
2,4,5-T UG/L	0	0	0	0	0	--	0	0	0
SILVER UG/L	0	0	0	0	0	--	.01	.01	.01

SYSTEM(S) ON THIS PAGE..	C	C	C	D	D	D	D	D	D
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	09/05/73	06/19/74	09/05/74	11/16/70	07/12/71	10/18/71	04/10/72	07/11/72	05/29/73
TOT ORG CARBON MG/L	3.7	2.8	2.4	2.0	3.0	0	0	1.0	1.6
PCB UG/L	0	0	0	--	0	0	0	0	0
PCN UG/L	--	0	0	--	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0	0	0	0	0
CHLORDANE UG/L	0	0	0	--	0	0	0	0	0
DDD UG/L	0	0	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0	0	0
DIAZINON UG/L	0	0	0	--	0	0	0	0	0
DIELDRIN UG/L	0	0	0	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	0	--	0	0	0	0	0
LINDANE UG/L	0	0	0	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	0	--	--	--	0	0	0	0	0
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0	0
METHYL TRITHION UG/L	0	0	0	--	0	0	0	0	0
PARATHION UG/L	0	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	0	0	0	--	0	0	0	0	0
TRITHION UG/L	0	0	0	0	0	0	0	0	< .01
2,4-D UG/L	.01	0	0	0	.01	0	0	0	0
2,4,5-T UG/L	0	0	0	0	0	0	0	0	.01
SILVER UG/L	0	.01	0	0	< .01	0	0	0	.01

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

CHAUTAUQUA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	422912079203301	DUNKIRK (C)-LAKE ERIE
B	422358079183300	FREDONIA(V)-CANADAWAY CREEK
C	422358079183301	FREDONIA(V)-CANADAWAY CREEK
D	421750079342300	WESTFIELD(V)-CHAUTAUQUA CREEK
E	421750079342301	WESTFIELD(V)-CHAUTAUQUA CREEK

SYSTEM(S) ON THIS PAGE..	A	A	A	A	B	B	C	E	D
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	RAW	RAW	TREATED	TREATED	RAW
DATE.....	07/11/73	09/05/73	06/19/74	09/05/74	06/12/73	09/20/73	06/12/73	09/20/73	06/12/73
TOT ORG CARBON MG/L	0	2.3	4.1	3.9	1.6	3.3	0	6.5	0
PCB UG/L	0	0	0	0	--	0	0	0	0
PCN UG/L	--	--	0	0	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	--	0	0	0	0
CHLORDANE UG/L	0	0	0	0	--	0	0	0	0
DDD UG/L	0	0	0	0	--	0	0	0	0
DDE UG/L	0	0	0	0	--	0	0	0	0
DDT UG/L	0	0	0	0	--	0	0	0	0
DIAZINON UG/L	0	0	0	0	0	0	0	0	0
DIELDRIN UG/L	0	0	0	0	--	0	0	0	0
ENDRIN UG/L	0	0	0	0	--	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	--	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	0	0	--	0	0	0	0
LINDANE UG/L	0	0	0	0	--	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	0	0	--	--	--	0	0	0	0
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0	0
METHYL TRITHION UG/L	0	0	0	0	0	0	0	0	0
PARATHION UG/L	0	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	0	0	0	0	--	0	0	0	0
TRITHION UG/L	0	0	0	0	0	0	0	0	0
2,4-D UG/L	.01	.02	0	0	0	0	0	0	0
2,4,5-T UG/L	0	0	0	0	0	0	0	0	0
SILVEX UG/L	0	.01	.01	0	0	0	0	0	0

SYSTEM(S) ON THIS PAGE..	D	E	E
TYPE OF WATER SAMPLED...	RAW	TREATED	TREATED
DATE.....	09/20/73	06/12/73	09/20/73
TOT ORG CARBON MG/L	1.9	0	26
PCB UG/L	0	0	0
PCN UG/L	--	--	--
ALDRIN UG/L	0	0	0
CHLORDANE UG/L	0	0	0
DDD UG/L	0	0	0
DDE UG/L	0	0	0
DDT UG/L	0	0	0
DIAZINON UG/L	0	0	0
DIELDRIN UG/L	0	0	0
ENDRIN UG/L	0	0	0
ETHION UG/L	0	0	0
HEPTACHLOR UG/L	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	0
LINDANE UG/L	0	0	0
MALATHION UG/L	0	0	0
METHOXYCHLOR UG/L	0	0	0
METHYL PARATHION UG/L	0	0	0
METHYL TRITHION UG/L	0	0	0
PARATHION UG/L	0	0	0
TOXAPHENE UG/L	0	0	0
TRITHION UG/L	0	0	0
2,4-D UG/L	0	0	0
2,4,5-T UG/L	0	0	0
SILVEX UG/L	0	0	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

CHEMUNG COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	420453076491402	ELMIRA(C)-CHEMUNG RIVER
B	420453076491903	ELMIRA(C)-CHEMUNG RIVER
C	420603076580700	ELMIRA(C)-HOFFMAN CREEK RESERVOIR
D	420603076580701	ELMIRA(C)-HOFFMAN CREEK RESERVOIR

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	B	B	C
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	TREATED	TREATED	RAW
DATE.....	07/15/71	10/21/71	07/11/72	10/17/72	01/09/73	04/19/73	07/15/71	10/21/71	11/17/70
TOT ORG CARBON MG/L	6.0	0	1.0	2.0	1.5	.5	14	0	5.0
PCB UG/L	0	0	0	< .1	0	0	0	0	--
PCN UG/L	--	--	--	--	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0	0	0	0	0
CHLORDANE UG/L	0	0	0	< .1	0	0	0	0	--
DDD UG/L	0	0	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0	0	0
DIAZINON UG/L	0	0	0	0	0	0	0	0	--
DIELDRIN UG/L	0	0	0	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	0	0	0	0	0	0	--
LINDANE UG/L	0	0	0	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	0	0	0	0	0	0	0	0	--
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0	0
METHYL TRITHION UG/L	0	0	0	0	0	0	0	0	--
PARATHION UG/L	0	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	0	0	0	< .1	0	0	0	0	--
TRITHION UG/L	0	0	0	0	0	0	0	0	0
2,4-D UG/L	.07	0	.02	.01	--	0	0	0	.14
2,4,5-T UG/L	0	0	0	.02	--	0	.01	0	0
SILVER UG/L	.02	0	.01	< .01	--	0	.01	.01	0

SYSTEM(S) ON THIS PAGE..	C	D	D
TYPE OF WATER SAMPLED...	RAW	TREATED	TREATED
DATE.....	04/12/72	11/17/70	04/12/72
TOT ORG CARBON MG/L	1.0	3.0	0
PCB UG/L	0	--	0
PCN UG/L	--	--	--
ALDRIN UG/L	0	0	0
CHLORDANE UG/L	0	--	0
DDD UG/L	0	0	0
DDE UG/L	0	0	0
DDT UG/L	0	--	0
DIAZINON UG/L	0	--	0
DIELDRIN UG/L	0	0	0
ENDRIN UG/L	0	0	0
ETHION UG/L	0	0	0
HEPTACHLOR UG/L	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	--	0
LINDANE UG/L	0	0	0
MALATHION UG/L	0	0	0
METHOXYCHLOR UG/L	0	--	0
METHYL PARATHION UG/L	0	0	0
METHYL TRITHION UG/L	0	--	0
PARATHION UG/L	0	0	0
TOXAPHENE UG/L	0	--	0
TRITHION UG/L	0	0	0
2,4-D UG/L	0	0	0
2,4,5-T UG/L	0	0	0
SILVER UG/L	0	0	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

CLINTON COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	445322073283001	AYERST LABORATORIES*CHAZY-WELL
B	445322073283000	AYERST LABORATORIES*CHAZY-WELL
C	444536073251500	HORBS SUBDIVISION-LAKE CHAMPLAIN
D	444142073300400	PLATTSBURGH(C)-WEST&MEADE RESERVOIRS
E	445940073213100	ROUSES POINT(V)-LAKE CHAMPLAIN
F	445940073213101	ROUSES POINT(V)-LAKE CHAMPLAIN

SYSTEM(S) ON THIS PAGE..	A	B	C	D	D	D	D	E	E
TYPE OF WATER SAMPLED...	RAW	TREATED	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	02/12/75	02/12/75	01/18/71	07/12/72	10/18/72	01/18/73	04/18/73	01/18/71	07/15/71
TOT ORG CARBON MG/L	5.5	5.2	13	4.0	2.0	2.5	12	3.0	5.0
PCB UG/L	--	--	--	0	< .1	0	0	--	0
PCN UG/L	--	--	--	--	--	--	--	--	--
ALDRIN UG/L	--	--	0	0	0	0	0	0	0
CHLORDANE UG/L	--	--	--	0	< .1	0	0	--	0
DDD UG/L	--	--	0	0	0	0	0	0	0
DDE UG/L	--	--	0	0	0	0	0	0	0
DDT UG/L	--	--	0	0	0	0	0	0	0
DIAZINON UG/L	--	--	0	0	0	0	0	0	0
DIELDRIN UG/L	--	--	0	0	0	0	0	0	0
ENDRIN UG/L	--	--	0	0	0	0	0	0	0
ETHION UG/L	--	--	0	0	0	0	0	0	0
HEPTACHLOR UG/L	--	--	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	--	--	--	0	0	0	0	--	0
LINDANE UG/L	--	--	0	0	0	0	0	0	0
MALATHION UG/L	--	--	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	--	--	--	0	0	0	0	--	0
METHYL PARATHION UG/L	--	--	0	0	0	0	0	0	0
METHYL TRITHION UG/L	--	--	--	0	0	0	0	--	0
PARATHION UG/L	--	--	0	0	0	0	0	0	0
TOXAPHENE UG/L	--	--	--	0	< .1	0	0	--	0
TRITHION UG/L	--	--	0	0	0	0	0	0	0
2,4-D UG/L	--	--	0	0	0	0	0	0	--
2,4,5-T UG/L	--	--	0	0	0	0	0	0	--
SILVER UG/L	--	--	0	0	0	0	0	0	--

SYSTEM(S) ON THIS PAGE..	E	E	F	F	F	F
TYPE OF WATER SAMPLED...	RAW	RAW	TREATED	TREATED	TREATED	TREATED
DATE.....	10/14/71	04/07/72	01/18/71	07/15/71	10/14/71	04/07/72
TOT ORG CARBON MG/L	4.0	3.0	3.0	5.0	7.0	2.0
PCB UG/L	0	0	--	0	0	0
PCN UG/L	--	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0	0
CHLORDANE UG/L	0	0	--	0	0	0
DDD UG/L	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0
DIAZINON UG/L	0	.01	0	0	0	0
DIELDRIN UG/L	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	--	0	0	0
LINDANE UG/L	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0
METHOXYCHLOR UG/L	0	0	--	0	0	0
METHYL PARATHION UG/L	0	0	0	0	0	0
METHYL TRITHION UG/L	0	0	--	0	0	0
PARATHION UG/L	0	0	0	0	0	0
TOXAPHENE UG/L	0	0	--	0	0	0
TRITHION UG/L	0	0	0	0	0	0
2,4-D UG/L	0	0	0	0	0	0
2,4,5-T UG/L	0	0	0	0	0	0
SILVER UG/L	0	0	0	0	0	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

DUTCHESS COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	413232073575400	CASTLE POINT VA HOSPITAL-HUDSON RIVER
B	413232073575401	CASTLE POINT VA HOSPITAL-HUDSON RIVER
L	414316073562000	POUGHKEEPSIE WTP-HUDSON RIVER
U	414316073562001	POUGHKEEPSIE WTP-HUDSON RIVER
E	415538073565200	SHINEWECK(V)-HUDSON RIVER

SYSTEM(S) ON THIS PAGE..	A	B	C	C	C	L	C	C	C
TYPE OF WATER SAMPLED...	RAW	TREATED	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	12/14/70	12/14/70	12/16/70	07/12/71	10/14/71	04/11/72	06/18/74	07/02/74	09/09/74
TOT ORG CARBON MG/L	6.0	2.0	5.0	11	4.0	5.0	5.3	4.0	20
PCB UG/L	2.0	--	4.0	.5	.3	.4	1.1	--	.7
PCN UG/L	--	--	--	--	--	--	0	--	0
ALDRIN UG/L	--	0	--	--	0	0	0	--	0
CHLORDANE UG/L	--	--	--	0	0	0	0	--	0
DDD UG/L	--	0	--	0	0	0	0	--	0
DDE UG/L	--	0	--	--	0	0	0	--	0
DDT UG/L	--	0	--	0	0	0	0	--	0
DIAZINON UG/L	0	0	0	0	0	0	0	< .01	.01
DIELDRIN UG/L	--	0	--	--	0	0	0	--	0
ENDRIN UG/L	--	0	--	0	0	0	0	--	0
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	--	0	--	0	0	0	0	--	0
HEPTACHLOR EPOXIDE UG/L	--	--	--	0	0	0	0	--	0
LINDANE UG/L	--	0	--	0	0	0	0	--	0
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	--	--	--	0	0	0	--	--	--
METHYL PARATHION UG/L	0	0	0	0	0	.01	0	0	0
METHYL TRITHION UG/L	--	--	--	0	0	0	0	0	0
PARATHION UG/L	0	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	--	--	--	0	0	0	0	--	0
TRITHION UG/L	0	0	0	0	0	0	0	0	.08
2,4-D UG/L	.01	0	0	0	0	0	0	0	0
2,4,5-T UG/L	0	0	0	0	0	0	0	0	.01
SILVER UG/L	0	0	0	0	0				

SYSTEM(S) ON THIS PAGE..	D	D	D	D	D	D	D	E	E
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	RAW	RAW
DATE.....	12/16/70	07/12/71	10/18/71	04/11/72	06/19/74	07/02/74	09/09/74	11/10/70	07/13/71
TOT ORG CARBON MG/L	13	4.0	3.0	2.0	4.3	3.3	--	7.0	8.0
PCB UG/L	.2	.1	< .1	0	.1	0	0	.6	.4
PCN UG/L	--	--	--	--	0	0	0	--	--
ALDRIN UG/L	--	--	0	0	0	0	0	--	0
CHLORDANE UG/L	--	0	0	0	0	0	0	--	--
DDD UG/L	--	0	0	0	0	0	0	--	0
DDE UG/L	--	0	0	0	0	0	0	--	0
DDT UG/L	--	0	0	0	0	0	0	0	0
DIAZINON UG/L	.04	0	0	.08	0	0	0	--	--
DIELDRIN UG/L	--	0	0	0	0	0	0	--	0
ENDRIN UG/L	--	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	--	0
HEPTACHLOR UG/L	--	--	0	0	0	0	0	--	0
HEPTACHLOR EPOXIDE UG/L	--	0	0	0	0	0	0	--	0
LINDANE UG/L	--	--	0	0	0	0	0	--	0
MALATHION UG/L	0	0	0	0	--	--	--	--	0
METHOXYCHLOR UG/L	--	0	0	0	0	0	0	0	0
METHYL PARATHION UG/L	0	0	0	0	0	0	0	--	0
METHYL TRITHION UG/L	--	0	0	0	0	0	0	0	0
PARATHION UG/L	0	0	0	0	0	0	0	--	0
TOXAPHENE UG/L	--	0	0	0	0	0	0	0	0
TRITHION UG/L	0	0	0	0	0	0	0	--	.01
2,4-D UG/L	0	0	0	0	0	0	0	--	0
2,4,5-T UG/L	0	0	0	0	0	0	0	--	0
SILVER UG/L	0	0	0	0	0				

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

DUTCHESS COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	415538073565200	RHINEBEC<(V)-HUDSON RIVER
B	415538073565201	RHINEBEC<(V)-HUDSON RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	TREATED
DATE.....	10/16/71	04/11/72	07/07/72	10/16/72	01/08/73	04/16/73	06/12/73	09/17/73	11/10/70
TOT ORG CARBON MG/L	3.0	1.0	4.0	2.0	4.5	2.0	4.4	25	2.0
PCB UG/L	.3	.2	.3	< .1	< .1	.8	.4	.3	.2
PCN UG/L	--	--	--	--	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0	0	0	0	--
CHLORDANE UG/L	0	0	0	< .1	0	0	0	0	--
DDD UG/L	0	0	0	0	0	0	0	0	--
DDE UG/L	0	0	0	0	0	0	0	0	--
DDT UG/L	0	0	0	0	0	0	0	0	--
DIAZINON UG/L	0	0	0	0	0	0	0	.02	--
DIELDRIN UG/L	0	0	0	0	0	0	0	0	--
ENDRIN UG/L	0	0	0	0	0	0	0	0	--
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0	--
HEPTACHLOR EPOXIDE UG/L	0	0	0	0	0	0	0	0	--
LINDANE UG/L	0	0	0	0	0	0	0	0	--
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	0	0	0	0	0	0	0	0	--
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0	0
METHYL TRITHION UG/L	0	0	0	0	0	0	0	0	--
PARATHION UG/L	0	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	0	0	0	< .1	0	0	0	0	0
TRITHION UG/L	0	0	0	0	0	0	0	0	--
2,4-D UG/L	0	0	.06	< .01	0	0	0	.04	--
2,4,5-T UG/L	0	0	0	< .01	0	0	0	0	--
SILVEX UG/L	0	0	.01	0	0	0	0	.01	--

SYSTEM(S) ON THIS PAGE..	B	B	B	B	B
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	07/13/71	10/18/71	04/11/72	06/12/73	09/17/73
TOT ORG CARBON MG/L	5.0	7.0	0	2.4	2.7
PCB UG/L	.3	.2	.1	.1	0
PCN UG/L	--	--	--	--	--
ALDRIN UG/L	--	0	0	0	0
CHLORDANE UG/L	0	0	0	0	0
DDD UG/L	0	0	0	0	0
DDE UG/L	0	0	0	0	0
DDT UG/L	0	0	0	0	0
DIAZINON UG/L	0	.02	0	0	0
DIELDRIN UG/L	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0
ETHION UG/L	0	0	0	0	0
HEPTACHLOR UG/L	--	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	0	0	0
LINDANE UG/L	--	0	0	0	0
MALATHION UG/L	0	0	0	0	0
METHOXYCHLOR UG/L	0	0	0	0	0
METHYL PARATHION UG/L	0	0	0	0	0
METHYL TRITHION UG/L	0	0	0	0	0
PARATHION UG/L	0	0	0	0	0
TOXAPHENE UG/L	0	0	0	0	0
TRITHION UG/L	0	0	0	0	0
2,4-D UG/L	.01	0	0	0	0
2,4,5-T UG/L	0	0	0	0	0
SILVEX UG/L	0	0	0	0	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

ERIE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	425210078212200	AKRON(V)-MURDER CREEK RESERVOIR
B	425210078212201	AKRON(V)-MURDER CREEK RESERVOIR
C	425342078535800	BUFFALO(C)-LAKE ERIE
D	425342078535801	BUFFALO(C)-LAKE ERIE
E	424644078362701	EAST AURORA(V)-WELL #7
F	424644078362700	EAST AURORA(V)-WELL #7
G	424123079020800	ERIE COUNTY WA STURGEON PT PLANT-LAKE ERIE

SYSTEM(S) ON THIS PAGE..	A	A	B	B	C	C	C	C	D
TYPE OF WATER SAMPLED...	RAW	RAW	TREATED	TREATED	RAW	RAW	RAW	RAW	TREATED
DATE.....	04/14/73	09/21/73	08/14/73	09/21/73	11/18/70	05/29/73	07/11/73	09/05/73	11/18/70
TOT ORG CARBON MG/L	4.3	6.1	2.2	22	3.0	1.1	1.0	4.6	1.0
PCB UG/L	0	0	0	0	--	0	0	< .1	--
PCN UG/L	--	--	--	--	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0	0	0	0	0
CHLORDANE UG/L	0	0	0	0	--	0	0	0	--
DDD UG/L	0	0	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0	0	0
DIAZINON UG/L	0	0	0	0	--	0	0	0	--
DIELDRIN UG/L	0	0	0	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	0	0	--	0	0	0	--
LINDANE UG/L	0	0	0	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	0	0	0	0	--	0	0	0	--
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0	0
METHYL TRITHION UG/L	0	0	0	0	--	0	0	0	--
PARATHION UG/L	0	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	0	0	0	0	--	0	0	0	--
TRITHION UG/L	0	0	0	0	0	0	0	0	0
2,4-D UG/L	0	0	0	0	.01	.01	0	.02	0
2,4,5-T UG/L	0	0	0	0	< .01	0	0	0	0
SILVEX UG/L	0	0	0	0	.01	.01	0	.01	0

SYSTEM(S) ON THIS PAGE..	D	D	D	E	E	F	F	G	G
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	RAW	RAW	TREATED	TREATED	RAW	RAW
DATE.....	05/29/73	07/11/73	09/05/73	04/13/73	09/21/73	04/13/73	09/21/73	07/12/71	10/18/71
TOT ORG CARBON MG/L	.5	1.0	21	6.0	20	9.0	125	8.0	3.0
PCB UG/L	0	0	< .1	0	0	0	0	0	0
PCN UG/L	--	--	--	--	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0	0	0	0	0
CHLORDANE UG/L	0	0	0	0	0	0	0	0	0
DDD UG/L	0	0	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0	0	0
DIAZINON UG/L	0	0	0	0	0	0	< .01	0	0
DIELDRIN UG/L	0	0	0	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	0	0	0	0	0	0	--
LINDANE UG/L	0	0	0	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	0	0	0	0	0	0	0	0	0
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0	0
METHYL TRITHION UG/L	0	0	0	0	0	0	0	0	0
PARATHION UG/L	0	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	0	0	0	0	0	0	0	0	0
TRITHION UG/L	0	0	0	0	0	0	0	0	0
2,4-D UG/L	.06	0	0	0	.01	0	0	.03	0
2,4,5-T UG/L	0	0	0	0	0	0	0	0	0
SILVEX UG/L	< .01	0	0	0	0	0	0	0	.01

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

ERIE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	4241230790200	ERIE COUNTY WA STURGEON PT PLANT-LAKE ERIE
B	4241230790200	ERIE COUNTY WA STURGEON PT PLANT-LAKE ERIE
C	4247590785050	ERIE COUNTY WA WOODLAWN PLANT-LAKE ERIE
D	4247590785050	ERIE COUNTY WA WOODLAWN PLANT-LAKE ERIE
E	4258140785801	GRAND ISLAND WD #2-NIAGARA RIVER(WEST BRANCH)

SYSTEM(S) ON THIS PAGE..	A	A	B	B	H	B	C	C	C
TYPE OF WATER SAMPLED...	RAW	RAW	TREATED	TREATED	TREATED	TREATED	RAW	RAW	RAW
DATE.....	04/10/72	07/11/72	07/12/71	10/18/71	04/10/72	07/11/72	11/18/70	04/13/73	09/20/73
TOT ORG CARBON MG/L	0	0	3.8	1.0	0	1.0	2.0	1.5	3.6
PCB UG/L	0	0	0	0	0	0	--	0	0
PCN UG/L	--	--	--	--	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0	0	0	0	0
CHLORDANE UG/L	0	0	0	0	0	0	--	0	0
DDD UG/L	0	0	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0	0	0
DIAZINON UG/L	0	0	0	0	0	0	--	0	0
DIELDRIN UG/L	0	0	0	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	0	0	0	0	--	0	0
LINDANE UG/L	0	0	0	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	0	0	0	0	0	0	--	0	0
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0	0
METHYL TRITHION UG/L	0	0	0	0	0	0	--	0	0
PARATHION UG/L	0	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	0	0	0	0	0	0	--	0	0
TRITHION UG/L	0	0	0	0	0	0	0	0	0
2,4-D UG/L	0	0	0	0	0	0	.01	0	0
2,4,5-T UG/L	0	0	0	0	0	0	< .01	0	0
SILVEX UG/L	0	.01	0	.04	0	0	.01	0	0

SYSTEM(S) ON THIS PAGE..	D	D	D	E	E	E	E	E	E
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	11/18/70	08/13/73	09/20/73	11/17/70	07/13/71	10/19/71	04/11/72	07/12/72	10/18/72
TOT ORG CARBON MG/L	9.0	0	38	2.0	6.8	6.0	0	3.0	1.0
PCB UG/L	--	0	0	--	0	0	0	0	--
PCN UG/L	--	--	--	--	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0	0	0	0	--
CHLORDANE UG/L	--	0	0	--	0	0	0	0	--
DDD UG/L	0	0	0	0	0	0	0	0	--
DDE UG/L	0	0	0	0	0	0	0	0	--
DDT UG/L	.01	0	0	0	0	0	0	0	--
DIAZINON UG/L	--	0	0	--	0	0	0	0	--
DIELDRIN UG/L	0	0	0	0	0	0	0	0	--
ENDRIN UG/L	0	0	0	0	0	0	0	0	--
ETHION UG/L	0	0	0	0	0	0	0	0	--
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0	--
HEPTACHLOR EPOXIDE UG/L	--	0	0	--	0	0	0	0	--
LINDANE UG/L	0	0	0	0	0	0	0	0	--
MALATHION UG/L	0	0	0	0	0	0	0	0	--
METHOXYCHLOR UG/L	--	0	0	--	0	0	0	0	--
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0	--
METHYL TRITHION UG/L	--	0	0	--	0	0	0	0	--
PARATHION UG/L	0	0	0	0	0	0	0	0	--
TOXAPHENE UG/L	--	0	0	--	0	0	0	0	--
TRITHION UG/L	0	0	0	0	0	0	0	0	0
2,4-D UG/L	.01	.01	.01	0	0	0	0	0	0
2,4,5-T UG/L	0	0	0	0	0	0	0	0	0
SILVEX UG/L	0	< .01	0	0	0	.01	0	0	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

ERIE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	425814078580100	GRAND ISLAND WD #2-NIAGARA RIVER(WEST BRANCH)
B	425814078580101	GRAND ISLAND WD #2-NIAGARA RIVER(WEST BRANCH)
C	424246078495600	HAMBURG(V)-EIGHTEENMILE CREEK
D	424246078495601	HAMBURG(V)-EIGHTEENMILE CREEK
E	430109078531602	TONAWANDA(C)-EAST BRANCH NIAGARA RIVER
F	430109078531601	TONAWANDA(C)-EAST BRANCH NIAGARA RIVER

SYSTEM(S) ON THIS PAGE..	A	A	B	B	B	B	C	C	C
TYPE OF WATER SAMPLED...	RAW	RAW	TREATED	TREATED	TREATED	TREATED	RAW	RAW	RAW
DATE.....	01/10/73	04/18/73	11/17/70	07/13/71	10/19/71	04/11/72	05/29/73	07/11/73	09/05/73
TOT ORG CARBON MG/L	0	6.0	1.0	7.0	6.0	0	3.4	0	3.8
PCB UG/L	0	0	--	0	< .1	0	0	0	< .1
PCN UG/L	--	--	--	--	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0	0	0	0	0
CHLORDANE UG/L	0	0	--	0	0	0	0	0	0
DDD UG/L	0	0	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0	0	0
DIAZINON UG/L	0	0	--	0	0	0	0	0	0
DIELDRIN UG/L	0	0	0	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	--	0	0	0	0	0	0
LINDANE UG/L	0	0	0	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	0	0	--	0	0	0	0	0	0
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0	0
METHYL TRITHION UG/L	0	0	--	0	0	0	0	0	0
PARATHION UG/L	0	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	0	0	--	0	0	0	0	0	0
TRITHION UG/L	0	0	0	0	0	--	0	0	0
2,4-D UG/L	0	0	.01	0	0	0	< .01	0	0
2,4,5-T UG/L	0	0	0	0	0	0	0	0	0
SILVEX UG/L	0	< .01	0	0	0	0	.01	0	0

SYSTEM(S) ON THIS PAGE..	D	D	D	E	F
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	RAW	TREATED
DATE.....	05/29/73	07/11/73	09/05/73	11/17/70	11/17/70
TOT ORG CARBON MG/L	1.4	0	2.6	4.0	4.0
PCB UG/L	0	0	0	--	--
PCN UG/L	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0
CHLORDANE UG/L	0	0	0	--	--
DDD UG/L	0	0	0	0	0
DDE UG/L	0	0	0	0	0
DDT UG/L	0	0	0	0	0
DIAZINON UG/L	0	0	0	--	--
DIELDRIN UG/L	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0
ETHION UG/L	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	0	--	--
LINDANE UG/L	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0
METHOXYCHLOR UG/L	0	0	0	--	--
METHYL PARATHION UG/L	0	0	0	0	0
METHYL TRITHION UG/L	0	0	0	--	--
PARATHION UG/L	0	0	0	0	0
TOXAPHENE UG/L	0	0	0	--	--
TRITHION UG/L	0	0	0	0	0
2,4-D UG/L	.06	0	.01	< .01	0
2,4,5-T UG/L	0	0	0	< .01	0
SILVEX UG/L	.01	0	0	.01	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

ESSEX COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	435338073233000	IPC PLANT TICONDEROGA-LAKE CHAMPLAIN
B	435338073233001	IPC PLANT TICONDEROGA-LAKE CHAMPLAIN
C	442339073233700	WILLSBORO WD #2-LAKE CHAMPLAIN
D	442339073233701	WILLSBORO WD #2-LAKE CHAMPLAIN
E	435703074051302	WINEBROO HILLS INTAKE-HUDSON RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	B	B	B	B	C
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	TREATED	TREATED	TREATED	TREATED	RAW
DATE.....	01/19/71	07/15/71	10/15/71	04/06/72	01/19/71	07/15/71	10/15/71	04/06/72	01/19/71
TOT ORG CARBON MG/L	4.0	10	3.0	2.0	14	3.0	1.0	0	5.0
PCB UG/L	--	0	0	0	--	0	0	0	--
PCN UG/L	--	--	--	--	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0	0	0	0	0
CHLORDANE UG/L	--	0	0	0	--	0	0	0	--
DDD UG/L	0	.02	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0	0	0
DIAZINON UG/L	0	--	0	0	0	0	0	0	0
DIELDRIN UG/L	0	< .01	0	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0	0	0
ETHION UG/L	0	--	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	--	0	0	0	--	0	0	0	--
LINDANE UG/L	0	0	0	0	0	0	0	0	0
MALATHION UG/L	0	--	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	--	0	0	0	--	0	0	0	--
METHYL PARATHION UG/L	0	--	0	0	0	0	0	0	0
METHYL TRITHION UG/L	--	--	0	0	--	0	0	0	--
PARATHION UG/L	0	--	0	0	0	0	0	0	0
TOXAPHENE UG/L	--	0	0	0	--	0	0	0	--
TRITHION UG/L	0	--	0	0	0	0	0	0	0
2,4-D UG/L	0	0	0	0	0	0	.03	0	0
2,4,5-T UG/L	0	0	0	0	0	0	0	0	0
SILVEX UG/L	0	0	0	0	0	< .01	0	0	0

SYSTEM(S) ON THIS PAGE..	C	C	C	D	D	D	D	E	E
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	TREATED	TREATED	TREATED	TREATED	RAW	RAW
DATE.....	07/16/71	10/14/71	04/06/72	01/19/71	07/16/71	10/14/71	04/06/72	06/19/74	07/15/74
TOT ORG CARBON MG/L	3.0	3.0	1.0	5.0	4.0	3.0	2.0	7.0	7.0
PCB UG/L	0	0	0	--	0	0	0	0	0
PCN UG/L	--	--	--	--	--	--	--	0	0
ALDRIN UG/L	0	0	0	0	0	0	0	0	0
CHLORDANE UG/L	0	0	0	--	0	0	0	0	0
DDD UG/L	0	0	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0	0	0
DIAZINON UG/L	0	0	0	0	0	0	0	0	0
DIELDRIN UG/L	0	0	0	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	0	--	0	0	0	0	0
LINDANE UG/L	0	0	0	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	0	0	0	--	0	0	0	--	--
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0	0
METHYL TRITHION UG/L	0	0	0	--	0	0	0	0	0
PARATHION UG/L	0	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	0	0	0	--	0	0	0	0	0
TRITHION UG/L	0	0	0	0	0	0	0	0	0
2,4-D UG/L	0	0	0	0	0	0	0	0	0
2,4,5-T UG/L	0	0	.13	0	0	0	0	0	0
SILVEX UG/L	0	0	0	0	0	0	0	0	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

ESSEX COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	435703074051302	WINEBROOK HILLS INTAKE-HUDSON RIVER
B	435703074051301	WINEBROOK HILLS INTAKE-HUDSON RIVER

SYSTEM(S) ON THIS PAGE..	A	B	B	B
TYPE OF WATER SAMPLED...	RAW	TREATED	TREATED	TREATED
DATE.....	09/12/74	08/19/74	07/15/74	09/12/74
TOT ORG CARBON MG/L	7.6	4.8	3.4	4.5
PCB UG/L	0	0	0	0
PCN UG/L	0	0	0	0
ALDRIN UG/L	0	0	0	0
CHLORDANE UG/L	0	0	0	0
DDD UG/L	0	0	0	0
DDE UG/L	0	0	0	0
DDT UG/L	0	0	0	0
DIAZINON UG/L	0	0	0	0
DIELDRIN UG/L	0	0	0	0
ENDRIN UG/L	0	0	0	0
ETHION UG/L	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	0	0
LINDANE UG/L	0	0	0	0
MALATHION UG/L	0	0	0	0
METHOXYCHLOR UG/L	--	--	--	--
METHYL PARATHION UG/L	0	0	0	0
METHYL TRITHION UG/L	0	0	0	0
PARATHION UG/L	0	0	0	0
TOXAPHENE UG/L	0	0	0	0
TRITHION UG/L	0	0	0	0
2,4-D UG/L	0	0	0	0
2,4,5-T UG/L	0	0	0	0
SILVER UG/L	0	0	0	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

FRANKLIN COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	445537074044201	CHATEAUGAY(V)-SPRINGS
G	441153074280900	TUPPER LAKE(V)-RESERVOIR

SYSTEM(S) ON THIS PAGE..	A	b	B	N	n
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW
DATE.....	12/09/70	07/12/72	10/18/72	01/10/73	04/18/73
TOT ORG CARBON MG/L	0	7.0	1.5	3.0	2.0
PCB UG/L	--	0	< .1	0	0
PCN UG/L	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0
CHLORDANE UG/L	--	0	< .1	0	0
DDD UG/L	0	0	0	0	0
DDE UG/L	0	0	0	0	0
DDT UG/L	0	0	0	0	0
DIAZINON UG/L	--	0	0	0	0
DIELDRIN UG/L	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0
ETHION UG/L	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	--	0	0	0	0
LINDANE UG/L	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0
METHOXYCHLOR UG/L	--	0	0	0	0
METHYL PARATHION UG/L	0	0	0	0	0
METHYL TRITHION UG/L	--	0	0	0	0
PARATHION UG/L	0	0	0	0	0
TOXAPHENE UG/L	--	0	< .1	0	0
TRITHION UG/L	0	0	0	0	0
2,4-D UG/L	0	0	0	0	0
2,4,5-T UG/L	0	0	0	0	0
SILVEX UG/L	0	0	0	0	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

FULTON COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	430538074194600	GLOVERSVILLE(C)-RESERVOIR
	B	430538074194601	GLOVERSVILLE(C)-RESERVOIR

SYSTEM(S) ON THIS PAGE...	A	A	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	TREATED	TREATED
DATE.....	06/25/74	10/11/74	06/25/74	10/11/74
TOT ORG CARBON MG/L	3.5	6.8	2.8	3.2
PCB UG/L	--	0	0	--
PCN UG/L	--	0	0	--
ALDRIN UG/L	--	0	0	--
CHLORDANE UG/L	--	0	0	--
DDD UG/L	--	0	0	--
DDE UG/L	--	0	0	--
DDT UG/L	--	0	0	--
DIAZINON UG/L	--	0	0	--
DIELDRIN UG/L	--	0	0	--
ENDRIN UG/L	--	0	0	--
ETHION UG/L	--	0	0	--
HEPTACHLOR UG/L	--	0	0	--
HEPTACHLOR EPOXIDE UG/L	--	0	0	--
LINDANE UG/L	--	0	0	--
MALATHION UG/L	--	0	0	--
METHOXYCHLOR UG/L	--	--	--	--
METHYL PARATHION UG/L	--	0	0	--
METHYL TRITHION UG/L	--	0	0	--
PARATHION UG/L	--	0	0	--
TOXAPHENE UG/L	--	0	0	--
TRITHION UG/L	--	0	0	--
2,4-D UG/L	U	0	0	0
2,4,5-T UG/L	0	0	0	0
SILVEX UG/L	U	0	0	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

GENESEE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	425854078104400	BATAVIA(C)-TONAWANDA CREEK
B	425854078104401	BATAVIA(C)-TONAWANDA CREEK
C	425854078104402	BATAVIA(C)-WELLS
D	425854078104403	BATAVIA(C)-WELLS

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	B	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	TREATED	TREATED	TREATED
DATE.....	07/13/71	10/19/71	04/11/72	07/12/72	08/14/73	09/21/73	07/13/71	10/19/71	04/11/72
TOT ORG CARBON MG/L	10	6.0	3.0	5.0	1.5	3.6	5.0	4.0	3.0
PCB UG/L	0	0	0	0	0	0	0	0	0
PCN UG/L	--	--	--	--	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0	0	0	0	0
CHLORDANE UG/L	0	0	0	0	0	0	0	0	0
DDD UG/L	0	0	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0	0	0
DIAZINON UG/L	0	0	0	0	0	0	0	0	0
DIELDRIN UG/L	0	0	0	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	0	0	0	0	0	0	0
LINDANE UG/L	0	0	0	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	0	0	0	0	0	0	0	0	0
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0	0
METHYL TRITHION UG/L	0	0	0	0	0	0	.01	0	0
PARATHION UG/L	0	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	0	0	0	0	0	0	0	0	0
TRITHION UG/L	0	0	0	0	0	0	0	0	.96
2,4-D UG/L	0	0	0	.01	0	0	0	0	.58
2,4,5-T UG/L	0	0	.01	0	0	0	0	0	0
SILVEX UG/L	0	0	0	0	0	0	0	0	0

SYSTEM(S) ON THIS PAGE..	B	B	B	C	D
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	RAW	TREATED
DATE.....	07/12/72	08/14/73	09/21/73	12/01/70	12/01/70
TOT ORG CARBON MG/L	<.0	1.5	43	10	0
PCB UG/L	0	0	0	--	--
PCN UG/L	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0
CHLORDANE UG/L	0	0	0	--	--
DDD UG/L	0	0	0	0	0
DDE UG/L	0	0	0	0	0
DDT UG/L	0	0	0	0	0
DIAZINON UG/L	0	0	0	--	--
DIELDRIN UG/L	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0
ETHION UG/L	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	--	--
HEPTACHLOR EPOXIDE UG/L	0	0	0	0	0
LINDANE UG/L	0	0	0	0	0
MALATHION UG/L	0	0	0	--	--
METHOXYCHLOR UG/L	0	0	0	0	0
METHYL PARATHION UG/L	0	0	0	--	--
METHYL TRITHION UG/L	0	0	0	0	0
PARATHION UG/L	0	0	0	--	--
TOXAPHENE UG/L	0	0	0	0	0
TRITHION UG/L	0	< .01	.03	0	0
2,4-D UG/L	0	0	0	0	0
2,4,5-T UG/L	0	0	0	0	0
SILVEX UG/L					

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

JEFFERSON COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	442015075551700	ALEXANDRIA BAY(V)-ST LAWRENCE RIVER
B	442015075551701	ALEXANDRIA BAY(V)-ST LAWRENCE RIVER
C	440744076195500	CAPE VINCENT(V)-ST LAWRENCE RIVER
D	440744076195501	CAPE VINCENT(V)-ST LAWRENCE RIVER
E	435700076072800	SACKETTS HARBOR(V)-LAKE ONTARIO
F	435700076072801	SACKETTS HARBOR(V)-LAKE ONTARIO

SYSTEM(S) ON THIS PAGE..	A	A	A	A	H	H	H	H	C
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	TREATED	TREATED	TREATED	TREATED	RAW
DATE.....	12/14/70	07/14/71	10/13/71	04/05/72	12/14/70	07/14/71	10/13/71	04/05/72	10/28/70
TOT ORG CARBON MG/L	4.0	4.0	3.0	1.0	1.0	3.0	5.0	2.0	4.0
PCB UG/L	--	0	0	0	--	< .1	0	0	--
PCN UG/L	--	--	--	--	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0	0	0	0	0
CHLORDANE UG/L	--	0	0	0	--	0	0	0	--
DDD UG/L	0	0	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	--	0	0	0	--
DIAZINON UG/L	--	0	0	0	0	0	0	0	0
DIELDRIN UG/L	0	0	0	0					
ENDRIN UG/L	0	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	--	0	0	0	--
HEPTACHLOR EPOXIDE UG/L	--	0	0	0	0	0	0	0	0
LINDANE UG/L	0	0	0	0					
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	--	0	0	0	--	0	0	0	--
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0	0
METHYL TRITHION UG/L	--	0	0	0	--	0	0	0	--
PARATHION UG/L	0	0	0	0	0	.01	0	0	0
TOXAPHENE UG/L	--	0	0	0	--	0	0	0	--
TRITHION UG/L	0	0	0	0	0	0	0	0	0
2,4-D UG/L	.01	0	0	0	.01	0	0	0	.01
2,4,5-T UG/L	< .01	0	.01	0	< .01	0	.01	0	0
SILVER UG/L	< .01	0	0	0	< .01	0	0	0	0

SYSTEM(S) ON THIS PAGE..	D	E	E	E	E	F	F	F	F
TYPE OF WATER SAMPLED...	TREATED	RAW	RAW	RAW	RAW	TREATED	TREATED	TREATED	TREATED
DATE.....	10/28/70	10/27/70	07/13/71	10/22/71	04/11/72	10/27/70	07/13/71	10/22/71	04/11/72
TOT ORG CARBON MG/L	4.0	18	9.0	6.0	2.0	5.0	5.0	1.0	0
PCB UG/L	--	--	< .1	< .1	0	--	0	.1	0
PCN UG/L	--	--	--	--	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0	0	0	0	0
CHLORDANE UG/L	--	--	0	0	0	--	0	0	0
DDD UG/L	0	0	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0	0	0
DDT UG/L	0	0	0	.01	0	0	0	0	0
DIAZINON UG/L	--	--	0	0	0	--	0	0	0
DIELDRIN UG/L	0	0	0	< .01	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	--	--	0	0	0	--	0	0	0
LINDANE UG/L	0	0	0	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	--	--	0	0	0	--	0	0	0
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0	0
METHYL TRITHION UG/L	--	--	0	0	0	--	0	0	0
PARATHION UG/L	0	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	--	--	0	0	0	--	0	0	0
TRITHION UG/L	0	0	0	0	0	0	0	0	1.0
2,4-D UG/L	0	0	0	.06	.28	0	0	0	.64
2,4,5-T UG/L	0	0	0	0	.23	0	0	0	0
SILVER UG/L	0	0	0	0	0	0	0	0	

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

JEFFERSON COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	435903075514300	WATERTOWN(C)-BLACK RIVER
B	435903075514301	WATERTOWN(C)-BLACK RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	12/15/70	02/22/71	07/13/71	10/21/71	04/11/72	07/11/72	10/19/72	01/09/73	04/17/73
TOT ORG CARBON MG/L	1.0	6.0	20	6.0	1.0	7.0	4.5	6.0	2.0
PCB UG/L	--	--	< .1	0	0	.1	< .1	0	1.0
PCN UG/L	--	--	--	--	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0	0	0	0	0
CHLORDANE UG/L	--	--	0	0	0	0	< .1	0	0
DDD UG/L	0	0	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0	0	0
DIAZINON UG/L	--	0	0	0	0	0	0	0	0
DIELDRIN UG/L	0	0	0	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	--	--	0	0	0	0	0	0	0
LINDANE UG/L	0	0	0	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	--	--	0	0	0	0	0	0	0
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0	0
METHYL TRITHION UG/L	--	--	0	0	0	0	0	0	0
PARATHION UG/L	0	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	--	--	0	0	0	0	0	0	0
TRITHION UG/L	0	0	0	0	0	0	< .1	0	0
2,4-D UG/L	0	0	0	0	0	0	0	0	0
2,4,5-T UG/L	0	0	0	0	0	0	0	0	0
SILVEX UG/L	0	0	0	0	0	0	0	0	0

SYSTEM(S) ON THIS PAGE..	A	A	B	B	B	B	B	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	06/13/73	09/19/73	12/15/70	02/22/71	07/13/71	10/21/71	04/11/72	06/13/73	09/19/73
TOT ORG CARBON MG/L	1.0	6.7	2.0	3.0	24	2.0	0	.1	2.5
PCB UG/L	0	0	--	--	0	0	0	0	0
PCN UG/L	--	--	--	--	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0	0	0	0	0
CHLORDANE UG/L	0	0	--	--	0	0	0	0	0
DDD UG/L	0	0	.88	0	0	0	0	0	0
DDE UG/L	0	0	.65	0	0	0	0	0	0
DDT UG/L	0	0	1.7	0	0	0	0	0	0
DIAZINON UG/L	0	0	--	0	0	0	0	0	0
DIELDRIN UG/L	0	0	0	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	--	--	0	0	0	0	0
LINDANE UG/L	0	0	0	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	0	0	--	--	0	0	0	0	0
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0	0
METHYL TRITHION UG/L	0	0	--	--	0	0	0	0	0
PARATHION UG/L	0	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	0	0	--	--	0	0	0	0	0
TRITHION UG/L	0	0	0	0	0	0	0	0	0
2,4-D UG/L	0	0	0	0	0	0	0	0	0
2,4,5-T UG/L	0	0	0	0	0	0	0	0	0
SILVEX UG/L	0	0	0	0	0	0	0	0	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

LIVINGSTON COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	424741077431000	GENESEO(V)-CONESUS LAKE
B	424741077431001	GENESEO(V)-CONESUS LAKE

	A	B
SYSTEM(S) ON THIS PAGE..		
TYPE OF WATER SAMPLED...	RAW	TREATED
DATE.....	12/01/70	12/01/70
TOT ORG CARBON MG/L	6.0	5.0
PCB UG/L	--	--
PCN UG/L	--	--
ALDRIN UG/L	0	0
CHLORDANE UG/L	--	--
DDD UG/L	0	0
DDE UG/L	0	0
DDT UG/L	0	0
DIAZINON UG/L	--	--
DIELDRIN UG/L	0	0
ENDRIN UG/L	0	0
ETHION UG/L	0	0
HEPTACHLOR UG/L	0	0
HEPTACHLOR EPOXIDE UG/L	--	--
LINDANE UG/L	0	0
MALATHION UG/L	0	0
METHOXYCHLOR UG/L	--	--
METHYL PARATHION UG/L	0	0
METHYL TRITHION UG/L	--	--
PARATHION UG/L	0	0
TOXAPHENE UG/L	--	--
TRITHION UG/L	0	0
2,4-D UG/L	.06	.04
2,4,5-T UG/L	0	0
SILVEX UG/L	0	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

MONROE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	432124077552200	BROCKPORT(V)-LAKE ONTARIO
B	432124077552201	BROCKPORT(V)-LAKE ONTARIO
C	431607077385301	MONROE COUNTY WATER AUTHORITY-LAKE ONTARIO
D	431607077385300	MONROE COUNTY WATER AUTHORITY-LAKE ONTARIO

SYSTEM(S) ON THIS PAGE..	A	B	C	C	C	C	C	C	C
TYPE OF WATER SAMPLED...	RAW	TREATED	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	11/30/70	11/30/70	11/30/70	07/13/71	10/19/71	04/11/72	07/12/72	10/16/72	01/10/73
TOT ORG CARBON MG/L	<.0	1.0	9.0	6.0	0	0	1.0	0	2.5
PCB UG/L	--	--	--	0	0	0	0	0	< .1
PCN UG/L	--	--	--	--	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0	0	0	0	0
CHLORDANE UG/L	--	--	--	0	0	0	0	< .1	0
DDD UG/L	0	0	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0	0	0
DIAZINON UG/L	--	--	--	0	0	0	0	0	< .01
DIELDRIN UG/L	0	0	0	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	--	--	--	0	0	0	0	0	0
LINDANE UG/L	0	0	0	0	0	.01	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	--	--	--	0	0	0	0	0	0
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0	0
METHYL TRITHION UG/L	--	--	--	0	0	0	0	0	0
PARATHION UG/L	0	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	--	--	--	0	0	0	0	< .1	0
TRITHION UG/L	0	0	0	0	0	0	0	0	0
2,4-D UG/L	.01	.01	.01	0	.03	0	0	--	0
2,4,5-T UG/L	.01	.01	0	0	.03	0	0	--	0
SILVER UG/L	< .01	0	0	0	0	0	0	--	0

SYSTEM(S) ON THIS PAGE..	C	C	C	C	C	C	C	D	D
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	TREATED	TREATED
DATE.....	04/10/73	08/14/73	09/18/73	06/25/74	09/10/74	12/11/74	03/11/75	11/30/70	07/13/71
TOT ORG CARBON MG/L	.2	1.2	3.0	2.4	<.3	10	2.3	2.0	5.0
PCB UG/L	--	0	0	0	0	0	0	--	0
PCN UG/L	--	--	--	0	0	0	0	--	--
ALDRIN UG/L	0	0	0	0	0	0	0	0	0
CHLORDANE UG/L	0	0	0	0	0	0	0	--	0
DDD UG/L	0	0	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0	0	0
DIAZINON UG/L	0	0	0	0	0	0	0	--	0
DIELDRIN UG/L	0	0	0	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	0	0	0	0	0	--	0
LINDANE UG/L	0	.01	0	0	0	< .01	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	0	0	0	--	--	--	--	--	0
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0	0
METHYL TRITHION UG/L	0	0	0	0	0	0	0	--	0
PARATHION UG/L	0	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	0	0	0	0	0	0	0	--	0
TRITHION UG/L	0	0	0	0	0	0	0	0	0
2,4-D UG/L	0	< .01	0	0	0	0	0	.01	0
2,4,5-T UG/L	0	< .01	0	0	0	0	0	0	0
SILVER UG/L	0	< .01	0	0	0	0	0	0	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

MONROE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	431607077385300	MONROE COUNTY WATER AUTHORITY-LAKE ONTARIO

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	10/17/71	04/11/72	06/14/73	09/18/73	06/25/74	09/10/74	12/11/74
TOT UNG CANNON MG/L	0	0	.7	100	7.1	M.M	M.M
PCB UG/L	0	0	0	0	0	0	0
PCN UG/L	--	--	--	--	0	0	0
ALDRIN UG/L	0	0	0	0	0	0	0
CHLORDANE UG/L	0	0	0	0	0	0	0
DDD UG/L	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0
DIAZINON UG/L	0	0	0	0	0	0	0
DIELDRIN UG/L	< .01	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	0	0	0	0	0
LINDANE UG/L	0	0	0	0	0	0	< .01
MALATHION UG/L	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	0	0	0	0	--	--	--
METHYL PARATHION UG/L	0	0	0	0	0	0	0
METHYL TRITHION UG/L	0	0	0	0	0	0	0
PARATHION UG/L	0	0	0	0	0	0	0
TOXAPHENE UG/L	0	0	0	0	0	0	0
TRITHION UG/L	0	0	0	0	0	0	0
2,4-D UG/L	0	0	--	--	0	0	0
2,4,5-T UG/L	0	0	--	--	0	0	0
SILVEX UG/L	0	0	--	--	0	0	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

MONTGOMERY COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER*	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	430749074045100	AMSTER)DAM(C)-STEELE&MANNS CREEKS RESERVOIRS
B	430745074045000	AMSTER)DAM(C)-STEELE&MANNS CREEKS RESERVOIRS
C	425534074341300	CANAJOHARIE(V)-SPRITE CREEK
D	425534074341301	CANAJOHARIE(V)-SPRITE CREEK
E	425549074330801	PALATINE #2)DGF(V)-WELLS
F	425549074330N00	PALATINE #2)DGF(V)-WELLS

SYSTEM(S) ON THIS PAGE..	A	A	B	B	C	E	D	D	E
TYPE OF WATER SAMPLED...	RAW	RAW	TREATED	TREATED	RAW	RAW	TREATED	TREATED	RAW
DATE.....	06/26/74	10/11/74	06/26/74	10/11/74	07/09/74	10/02/74	07/09/74	10/02/74	11/30/70
TOT ORG CARBON MG/L	6.2	13	7.0	14	3.8	3.0	4.3	3.2	46
PCB UG/L	--	0	--	--	0	0	0	0	--
PCN UG/L	--	0	--	--	0	0	0	0	--
ALDRIN UG/L	--	0	--	--	0	0	0	0	--
CHLORDANE UG/L	--	0	--	--	0	0	0	0	--
DDD UG/L	--	0	--	--	0	0	0	0	0
DDE UG/L	--	0	--	--	0	0	0	0	0
DDT UG/L	--	0	--	--	0	0	0	0	0
DIAZINON UG/L	--	0	--	--	0	0	0	0	0
DIELDRIN UG/L	--	0	--	--	0	0	0	0	--
ENDRIN UG/L	--	0	--	--	0	0	0	0	0
ETHION UG/L	--	0	--	--	0	0	0	0	0
HEPTACHLOR UG/L	--	0	--	--	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	--	0	--	--	0	0	0	0	--
LINDANE UG/L	--	0	--	--	0	0	0	0	--
MALATHION UG/L	--	0	--	--	0	0	0	0	0
METHOXYCHLOR UG/L	--	--	--	--	--	--	--	--	--
METHYL PARATHION UG/L	--	0	--	--	0	0	0	0	--
METHYL TRITHION UG/L	--	0	--	--	0	0	0	0	--
PARATHION UG/L	--	0	--	--	0	0	0	0	--
TOXAPHENE UG/L	--	0	--	--	0	0	0	0	--
TRITHION UG/L	--	0	--	--	0	0	0	0	--
2,4-D UG/L	0	0	0	0	0	0	0	0	0
2,4,5-T UG/L	0	0	0	0	0	0	0	0	0
SILVEX UG/L	0	0	0	0	0	0	0	0	0

SYSTEM(S) ON THIS PAGE..	L	F
TYPE OF WATER SAMPLED...	RAW	TREATED
DATE.....	01/25/71	01/25/71
TOT ORG CARBON MG/L	1.0	0
PCB UG/L	--	--
PCN UG/L	--	--
ALDRIN UG/L	0	0
CHLORDANE UG/L	--	--
DDD UG/L	0	0
DDE UG/L	0	0
DDT UG/L	0	0
DIAZINON UG/L	0	0
DIELDRIN UG/L	0	0
ENDRIN UG/L	0	0
ETHION UG/L	0	0
HEPTACHLOR UG/L	0	0
HEPTACHLOR EPOXIDE UG/L	--	--
LINDANE UG/L	0	0
MALATHION UG/L	0	0
METHOXYCHLOR UG/L	--	--
METHYL PARATHION UG/L	0	0
METHYL TRITHION UG/L	--	--
PARATHION UG/L	0	0
TOXAPHENE UG/L	--	--
TRITHION UG/L	0	0
2,4-D UG/L	0	0
2,4,5-T UG/L	0	0
SILVEX UG/L	0	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

NASSAU COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	403537073394800	LONG BEACH(C)-WELL #16
B	403537073394801	LONG BEACH(C)-WELL #16

SYSTEM(S) ON THIS PAGE..	A	A	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	TREATED	TREATED
DATE.....	06/12/73	09/19/73	06/12/73	09/19/73
TOT ORG CARBON MG/L	.3	1.2	0	.8
PCB UG/L	0	0	0	0
PCN UG/L	--	--	--	--
ALDRIN UG/L	0	0	0	0
CHLORDANE UG/L	0	0	0	0
DDD UG/L	0	0	0	0
DDE UG/L	0	0	0	0
DDT UG/L	0	0	0	0
DIAZINON UG/L	0	0	0	0
DIELDRIN UG/L	0	0	0	0
ENDRIN UG/L	0	0	0	0
ETHION UG/L	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	0	0
LINDANE UG/L	0	0	0	0
MALATHION UG/L	0	0	0	0
METHOXYCHLOR UG/L	0	0	0	0
METHYL PARATHION UG/L	0	0	0	0
METHYL TRITHION UG/L	0	0	0	0
PARATHION UG/L	0	0	0	0
TOXAPHENE UG/L	0	0	0	0
TRITHION UG/L	0	0	0	0
2,4-D UG/L	0	0	0	--
2,4,5-T UG/L	0	0	0	--
SILVER UG/L	0	0	0	--

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

NEW YORK CITY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (ON SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	413449073573000	NEW YORK CITY(C)CHELSEA--HUDSON RIVER
B	404656073575400	NEW YORK CITY(C)-ASHOKEN RESERVOIR
C	404656073575401	NEW YORK CITY(C)-ASHOKEN RESERVOIR
D	405330073510200	NEW YORK CITY(C)-BRONX SHAFT 3A
E	405443073524700	NEW YORK CITY(C)-BRONX VAN CORTLANDT PARK
F	420346073222900	NEW YORK CITY(C)-CANNONSVILLE RESERVOIR

SYSTEM(S) ON THIS PAGE..	A	A	B	B	B	B	C	C	E
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	DISTRBN	DISTRBN	DISTRBN
DATE.....	05/18/74	07/02/74	11/10/70	06/19/74	07/17/74	10/08/74	05/30/73	07/11/73	09/05/73
TOT ORG CARBON MG/L	4.5	6.7	1.0	3.0	1.6	2.1	1.9	1.0	3.8
PCB UG/L	.4	.3	--	0	--	0	0	0	< .1
PCN UG/L	0	0	--	0	--	0	--	--	--
ALDRIN UG/L	0	0	0	0	--	0	0	0	0
CHLORDANE UG/L	0	0	--	0	--	0	0	0	0
DDD UG/L	0	0	0	0	--	0	0	0	0
DDE UG/L	0	0	0	0	--	0	0	0	0
DDT UG/L	0	0	0	0	--	0	0	0	0
DIAZINON UG/L	0	0	--	0	--	0	0	0	0
DIELDRIN UG/L	0	0	0	0	--	0	0	0	0
ENDRIN UG/L	0	0	0	0	--	0	0	0	0
ETHION UG/L	0	0	0	0	--	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	--	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	--	0	--	0	0	0	0
LINDANE UG/L	0	0	0	0	--	0	0	0	0
MALATHION UG/L	0	0	0	0	--	0	0	0	0
METHOXYCHLOR UG/L	--	--	--	--	--	--	0	0	0
METHYL PARATHION UG/L	0	0	0	0	--	0	0	0	0
METHYL TRITHION UG/L	0	0	--	0	--	0	0	0	0
PARATHION UG/L	0	0	0	0	--	0	0	0	0
TOXAPHENE UG/L	0	0	--	0	--	0	0	0	0
TRITHION UG/L	0	0	0	0	--	0	0	0	0
2,4-D UG/L	0	0	0	0	0	0	.01	0	.02
2,4,5-T UG/L	0	0	0	0	0	0	0	0	0
SILVEX UG/L	0	0	0	0	0	0	0	0	.01

SYSTEM(S) ON THIS PAGE..	D	D	D	D	E	E	E	E	F
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	DISTRBN	RAW
DATE.....	07/12/71	10/18/71	01/18/72	04/11/72	07/12/71	10/18/71	01/18/72	04/11/72	12/07/70
TOT ORG CARBON MG/L	4.0	1.0	1.0	0	4.0	2.0	1.0	5.0	14
PCB UG/L	0	0	.2	0	0	0	0	0	--
PCN UG/L	--	--	--	--	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0	0	0	0	0
CHLORDANE UG/L	0	0	0	0	0	0	0	0	--
DDD UG/L	0	0	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0	0	0
DIAZINON UG/L	0	0	0	0	0	0	0	0	--
DIELDRIN UG/L	0	0	0	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	0	0	0	0	0	0	--
LINDANE UG/L	0	0	0	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	0	0	0	0	0	0	0	0	--
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0	0
METHYL TRITHION UG/L	0	0	0	0	0	0	0	0	--
PARATHION UG/L	0	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	0	0	0	0	0	0	0	0	--
TRITHION UG/L	0	0	0	0	0	0	0	0	0
2,4-D UG/L	0	0	0	--	0	0	0	0	.01
2,4,5-T UG/L	0	0	0	--	0	0	0	0	0
SILVEX UG/L	0	.01	0	--	0	.02	0	0	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

NEW YORK CITY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	405244073532400	NEW YORK CITY(C)-GROTON GATE HOUSE #7
B	411332073513201	NEW YORK CITY(C)-NEW CROTON RESERVOIR
C	414759074215700	NEW YORK CITY(C)-ROUNDOUT RESERVOIR
D	403706074062001	NYC DIST SYST-STATEN ISLAND PUMP STATION

SYSTEM(S) ON THIS PAGE..	A	A	A	A	B	C	C	C	C
TYPE OF WATER SAMPLED...	DISTRBN	DISTRBN	DISTRBN	DISTRBN	RAW	RAW	RAW	RAW	RAW
DATE.....	07/12/71	10/19/71	01/18/72	04/11/72	12/14/70	07/11/72	10/16/72	01/08/73	04/16/73
TOT ORG CARBON MG/L	5.0	2.0	4.0	1.0	2.0	0	0	1.5	1.5
PCB UG/L	0	< .1	0	0	--	0	--	0	0
PCN UG/L	--	--	--	--	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0	0	--	0	0
CHLORDANE UG/L	0	0	0	0	--	0	--	0	0
DDD UG/L	0	0	0	0	0	0	--	0	0
DDE UG/L	0	0	0	0	0	0	--	0	0
DDT UG/L	0	0	0	0	0	0	--	0	0
DIAZINON UG/L	0	.02	0	0	--	0	--	0	0
DIELDRIN UG/L	0	0	0	0	0	0	--	0	0
ENDRIN UG/L	0	0	0	0	0	0	--	0	0
ETHION UG/L	0	0	0	0	0	0	--	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	--	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	0	0	--	0	--	0	0
LINDANE UG/L	0	0	0	0	0	0	--	0	0
MALATHION UG/L	0	0	0	0	0	0	--	0	0
METHOXYCHLOR UG/L	0	0	0	0	--	0	--	0	0
METHYL PARATHION UG/L	0	0	0	0	0	0	--	0	0
METHYL TRITHION UG/L	0	0	0	0	--	0	--	0	0
PARATHION UG/L	0	0	0	0	0	0	--	0	0
TOXAPHENE UG/L	0	0	0	0	--	0	--	0	0
TRITHION UG/L	0	0	0	0	0	0	--	0	0
2,4-D UG/L	.01	.01	0	0	0	0	0	0	0
2,4,5-T UG/L	0	0	0	0	0	0	0	0	0
SILVEX UG/L	.01	.01	0	.02	0	0	0	0	0

SYSTEM(S) ON THIS PAGE..	D	D	D
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED
DATE.....	05/06/74	08/01/74	09/25/74
TOT ORG CARBON MG/L	1.8	1.8	1.7
PCB UG/L	0	0	0
PCN UG/L	0	0	0
ALDRIN UG/L	0	0	0
CHLORDANE UG/L	0	0	0
DDD UG/L	0	0	0
DDE UG/L	0	0	0
DDT UG/L	0	0	0
DIAZINON UG/L	0	0	0
DIELDRIN UG/L	0	0	0
ENDRIN UG/L	0	0	0
ETHION UG/L	0	0	0
HEPTACHLOR UG/L	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	0
LINDANE UG/L	0	0	0
MALATHION UG/L	0	0	0
METHOXYCHLOR UG/L	--	--	--
METHYL PARATHION UG/L	0	0	0
METHYL TRITHION UG/L	0	0	0
PARATHION UG/L	0	0	0
TOXAPHENE UG/L	0	0	0
TRITHION UG/L	0	0	0
2,4-D UG/L	0	0	0
2,4,5-T UG/L	0	0	0
SILVEX UG/L	0	0	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

NIAGARA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	430918078421000	LOCKPORT(C)-NIAGARA RIVER(EAST BRANCH)
B	430918078421001	LOCKPORT(C)-NIAGARA RIVER(EAST BRANCH)
C	430426078561300	NIAGARA COUNTY WD-NIAGARA RIVER
D	430426078561301	NIAGARA COUNTY WD-NIAGARA RIVER
E	430434079001000	NIAGARA FALLS(C)-NIAGARA RIVER(WEST BRANCH)

SYSTEM(S) ON THIS PAGE..	A	A	A	B	B	B	C	D	E
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	TREATED	TREATED	TREATED	RAW	TREATED	RAW
DATE.....	05/30/73	07/11/73	09/05/73	05/30/73	07/11/73	09/05/73	11/16/70	11/16/70	11/16/70
TOT ORG CARBON MG/L	1.0	1.0	3.4	.1	1.0	2.9	5.0	8.0	1.0
PCB UG/L	0	0	< .1	0	0	0	--	--	--
PCN UG/L	--	--	--	--	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0	0	0	0	0
CHLORDANE UG/L	0	0	0	0	0	0	--	--	--
DDD UG/L	0	0	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0	0	0
DIAZINON UG/L	0	0	0	0	0	0	--	--	--
DIELDRIN UG/L	0	0	0	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	0	0	0	0	--	--	--
LINDANE UG/L	0	0	0	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	0	0	0	0	0	0	--	--	--
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0	0
METHYL TRITHION UG/L	0	0	0	0	0	0	--	--	--
PARATHION UG/L	0	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	0	0	0	0	0	0	--	--	--
TRITHION UG/L	0	0	0	0	0	0	0	0	0
2,4-D UG/L	< .01	0	0	< .01	0	--	0	0	0
2,4,5-T UG/L	0	0	0	0	0	--	0	0	0
SILVER UG/L	.01	0	0	0	0	--	0	0	0

SYSTEM(S) ON THIS PAGE..	E	E	E	E	E	E	E	E	E
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	07/13/71	10/19/71	04/11/72	07/12/72	10/18/72	01/10/73	04/18/73	05/30/73	07/11/73
TOT ORG CARBON MG/L	6.0	1.0	2.0	1.0	1.0	6.0	1.0	.9	0
PCB UG/L	--	0	0	0	< .1	0	0	0	0
PCN UG/L	< .1	--	--	--	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0	0	0	0	0
CHLORDANE UG/L	0	0	0	0	< .1	0	0	0	0
DDD UG/L	0	0	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0	0	0
DIAZINON UG/L	0	0	0	0	0	< .01	0	0	0
DIELDRIN UG/L	0	0	0	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	0	0	0	0	0	0	0
LINDANE UG/L	0	0	0	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	0	0	0	0	0	0	0	0	0
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0	0
METHYL TRITHION UG/L	0	0	0	0	0	0	0	0	0
PARATHION UG/L	0	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	0	0	0	0	< .1	0	0	0	0
TRITHION UG/L	0	0	0	0	0	0	0	0	0
2,4-D UG/L	0	0	0	0	0	0	0	< .01	0
2,4,5-T UG/L	0	0	0	0	0	0	0	0	0
SILVER UG/L	0	0	0	.01	.01	0	.01	.01	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

NIAGARA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	430634079001000	NIAGARA FALLS(C)-NIAGARA RIVER(WEST BRANCH)
B	430634079001001	NIAGARA FALLS(C)-NIAGARA RIVER(WEST BRANCH)
C	430134078531100	NORTH TONAWANDA(V)-NIAGARA RIVER(EAST BRANCH)

SYSTEM(S) ON THIS PAGE..	A	A	A	B	B	B	B	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	09/05/73	06/20/74	09/05/74	11/16/70	07/13/71	10/19/71	04/11/72	05/30/73	07/11/73
TOT ORG CARBON MG/L	3.3	2.6	2.7	3.0	6.0	1.0	1.0	.9	0
PCB UG/L	0	0	0	--	0	0	0	0	0
PCN UG/L	--	0	0	--	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0	0	0	0	0
CHLORDANE UG/L	0	0	0	--	0	0	0	0	0
DDD UG/L	0	0	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0	0	0
DIAZINON UG/L	0	0	0	--	0	0	0	0	0
DIELDRIN UG/L	0	0	0	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	0	--	0	0	0	0	0
LINDANE UG/L	0	0	0	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	0	--	--	--	0	0	0	0	0
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0	0
METHYL TRITHION UG/L	0	0	0	--	0	0	0	0	0
PARATHION UG/L	0	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	0	0	0	--	0	0	0	0	0
TRITHION UG/L	0	0	0	0	0	0	0	0	0
2,4-D UG/L	0	0	0	0	0	0	0	< .01	0
2,4,5-T UG/L	0	0	0	0	0	0	0	0	0
SILVER UG/L	0	.01	0	0	0	0	0	< .01	0

SYSTEM(S) ON THIS PAGE..	B	B	B	C	C	C	C	C	C
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	09/05/73	06/20/74	09/05/74	07/13/71	10/19/71	04/11/72	07/12/72	10/18/72	01/10/73
TOT ORG CARBON MG/L	3.1	4.5	4.0	4.0	1.0	0	1.0	0	2.5
PCB UG/L	0	0	0	0	0	0	0	< .1	0
PCN UG/L	--	0	0	--	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0	0	0	0	0
CHLORDANE UG/L	0	0	0	0	0	0	0	< .1	0
DDD UG/L	0	0	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0	0	0
DIAZINON UG/L	0	0	0	0	0	0	0	0	0
DIELDRIN UG/L	< .01	0	0	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	0	0	0	0	0	0	0
LINDANE UG/L	0	0	0	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	0	--	--	0	0	0	0	0	0
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0	0
METHYL TRITHION UG/L	0	0	0	0	0	0	0	0	0
PARATHION UG/L	0	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	0	0	0	0	0	0	0	< .1	0
TRITHION UG/L	0	0	0	0	0	0	0	0	0
2,4-D UG/L	.01	0	0	.01	0	0	0	0	0
2,4,5-T UG/L	0	0	0	0	0	0	0	.01	0
SILVER UG/L	0	0	0	< .01	0	0	0		

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

NIAGARA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	430134078531100	NORTH TONAWANDA(V)-NIAGARA RIVER(EAST BRANCH)
B	430134078531101	NORTH TONAWANDA(V)-NIAGARA RIVER(EAST BRANCH)

SYSTEM(S) ON THIS PAGE..	A	B	B	B
TYPE OF WATER SAMPLED...	RAW	TREATED	TREATED	TREATED
DATE.....	04/18/73	07/13/71	10/19/71	04/11/72
TOT ORG CARBON MG/L	.5	3.0	1.0	0
PCB UG/L	0	0	0	0
PCN UG/L	--	--	--	--
ALDRIN UG/L	0	0	0	0
CHLORDANE UG/L	0	0	0	0
DDD UG/L	0	0	0	0
DDE UG/L	0	0	0	0
DDT UG/L	0	0	0	0
DIAZINON UG/L	0	0	0	0
DIELDRIN UG/L	0	0	0	0
ENDRIN UG/L	0	0	0	0
ETHION UG/L	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	0	0
LINDANE UG/L	0	0	0	0
MALATHION UG/L	0	0	0	0
METHOXYCHLOR UG/L	0	0	0	0
METHYL PARATHION UG/L	0	0	0	0
METHYL TRITHION UG/L	0	0	0	0
PARATHION UG/L	0	0	0	0
TOXAPHENE UG/L	0	0	0	0
TRITHION UG/L	0	0	0	0
2,4-D UG/L	0	0	0	0
2,4,5-T UG/L	0	0	0	0
SILVEX UG/L	.01	0	0	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

ONEIDA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	431839075063R00	UTICA(C)-WEST CANADA CREEK
B	431839075063R01	UTICA(C)-WEST CANADA CREEK

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	11/30/70	07/15/71	10/27/71	04/10/72	07/11/72	10/19/72	01/09/73	04/17/73	06/01/73
TOT ORG CARBON MG/L	2.0	2.0	3.0	2.0	3.0	0	2.0	1.3	3.5
PCB UG/L	--	0	0	0	.1	< .1	0	0	0
PCN UG/L	--	--	--	--	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0	0	0	0	0
CHLORDANE UG/L	--	0	0	0	0	< .1	0	0	0
DDD UG/L	0	0	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0	0	0
DIAZINON UG/L	--	0	0	0	0	0	0	0	0
DIELDRIN UG/L	0	0	0	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	--	0	0	0	0	0	0	0	0
LINDANE UG/L	0	0	0	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	--	0	0	0	0	0	0	0	0
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0	0
METHYL TRITHION UG/L	--	0	0	0	0	0	0	0	0
PARATHION UG/L	0	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	--	0	0	0	0	< .1	0	0	0
TRITHION UG/L	0	0	0	0	0	0	0	0	0
2,4-D UG/L	0	0	0	0	0	0	0	0	0
2,4,5-T UG/L	0	0	0	0	0	0	0	0	0
SILVEX UG/L	0	0	0	0	0	0	0	0	0

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	B	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	TREATED	TREATED	TREATED
DATE.....	07/10/73	09/05/73	06/18/74	07/09/74	10/01/74	10/10/74	07/15/71	10/27/71	04/10/72
TOT ORG CARBON MG/L	3.0	3.0	--	--	--	4.5	4.0	3.0	1.0
PCB UG/L	0	< .1	0	0	0	--	0	0	0
PCN UG/L	--	--	0	0	0	--	--	--	--
ALDRIN UG/L	0	0	0	0	0	--	0	0	0
CHLORDANE UG/L	0	0	0	0	0	--	0	0	0
DDD UG/L	0	0	0	0	0	--	0	0	0
DDE UG/L	0	0	0	0	0	--	0	0	0
DDT UG/L	0	0	0	0	0	--	0	0	0
DIAZINON UG/L	0	0	0	0	0	--	0	0	0
DIELDRIN UG/L	0	0	0	0	0	--	0	0	0
ENDRIN UG/L	0	0	0	0	0	--	0	0	0
ETHION UG/L	0	0	0	0	0	--	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	--	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	0	0	0	--	0	0	0
LINDANE UG/L	0	0	0	0	0	--	0	0	0
MALATHION UG/L	0	0	0	0	0	--	0	0	0
METHOXYCHLOR UG/L	0	0	--	--	--	--	0	0	0
METHYL PARATHION UG/L	0	0	0	0	0	--	0	0	0
METHYL TRITHION UG/L	0	0	0	0	0	--	0	0	0
PARATHION UG/L	0	0	0	0	0	--	0	0	0
TOXAPHENE UG/L	0	0	0	0	0	--	0	0	0
TRITHION UG/L	0	0	0	0	0	--	0	0	0
2,4-D UG/L	0	0	0	0	0	--	0	0	0
2,4,5-T UG/L	0	0	0	0	0	--	0	0	0
SILVEX UG/L	0	0	0	0	0	--	0	0	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

ONONDAGA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	425416076184900	ONONDAGA COUNTY WA-OTISCO LAKE
B	425641076255202	ONONDAGA COUNTY WA-SKANEATELES LAKE
C	425641076255201	ONONDAGA COUNTY WA-SKANEATELES LAKE
D	425641076255200	SYRACUSE(C)-SKANEATELES LAKE
E	425641076255203	SYRACUSE(C)-SKANEATELES LAKE

SYSTEM(S) ON THIS PAGE..	A	A	B	C	D	D	D	D	D
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	TREATED	RAW	RAW	RAW	RAW	RAW
DATE.....	06/10/74	09/11/74	12/07/70	12/07/70	07/12/71	10/22/71	04/10/72	07/11/72	10/19/72
TOT ORG CARBON MG/L	2.0	3.5	2.0	4.0	5.0	0	0	1.0	0
PCB UG/L	0	0	--	--	0	0	0	0	< .1
PCN UG/L	0	0	--	--	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0	0	0	0	0
CHLORDANE UG/L	0	0	--	--	0	0	0	0	< .1
DDD UG/L	0	0	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0	0	0
DIAZINON UG/L	0	0	--	--	0	0	0	0	0
DIELDRIN UG/L	0	0	0	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	--	--	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	0	0	0	0	0	0	0
LINDANE UG/L	0	0	0	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	--	--	--	--	0	0	0	0	0
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0	0
METHYL TRITHION UG/L	0	0	--	--	0	0	0	0	0
PARATHION UG/L	0	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	0	0	--	--	0	0	0	0	< .1
TRITHION UG/L	0	0	0	0	0	0	0	0	0
2,4-D UG/L	0	0	0	0	0	0	0	.01	0
2,4,5-T UG/L	0	0	0	0	0	0	0	0	0
SILVER UG/L	0	0	0	0	0	0	0	0	0

SYSTEM(S) ON THIS PAGE..	D	D	D	D	E	E	E
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	TREATED	TREATED	TREATED
DATE.....	01/09/73	04/10/73	06/10/74	09/11/74	07/12/71	10/22/71	04/10/72
TOT ORG CARBON MG/L	5.0	22	1.0	3.7	4.0	1.0	0
PCB UG/L	0	0	0	0	0	0	0
PCN UG/L	--	--	0	0	--	--	--
ALDRIN UG/L	0	0	0	0	0	0	0
CHLORDANE UG/L	0	0	0	0	0	0	0
DDD UG/L	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0
DIAZINON UG/L	0	0	0	0	0	< .01	0
DIELDRIN UG/L	0	0	0	.02	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	0	0	0	0	0
LINDANE UG/L	0	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	0	0	0	0	0	0	0
METHYL PARATHION UG/L	0	0	--	--	0	0	0
METHYL TRITHION UG/L	0	0	0	0	0	0	0
PARATHION UG/L	0	0	0	0	0	0	0
TOXAPHENE UG/L	0	0	0	0	0	0	0
TRITHION UG/L	0	0	0	0	0	0	0
2,4-D UG/L	0	0	0	0	0	0	0
2,4,5-T UG/L	0	0	0	0	0	0	0
SILVER UG/L	0	0	0	0	0	0	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

ONTARIO COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	424915077160300	CANANDAIGUA(C)-CANANDAIGUA LAKE
B	424958076583400	GENEVA(C)-SENECA LAKE
C	424958076583401	GENEVA(C)-SENECA LAKE
D	424958076583402	GENEVA(C)-SENECA LAKE

SYSTEM(S) ON THIS PAGE..	A	A	B	B	B	B	B	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	06/12/74	09/13/74	12/08/70	07/14/71	10/20/71	04/12/72	07/13/72	04/12/74	09/13/74
TOT ORG CARBON MG/L	1.8	6.1	4.0	7.0	17	0	17	2.0	7.4
PCB UG/L	0	0	--	.1	0	0	0	0	0
PCN UG/L	0	0	--	--	--	--	--	0	0
ALDRIN UG/L	0	0	0	--	0	0	0	0	0
CHLORDANE UG/L	0	0	--	0	0	0	0	0	0
DDD UG/L	0	0	0	--	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0	0	0
DDT UG/L	0	0	0	--	0	0	0	0	0
DIAZINON UG/L	0	0	--	.01	0	0	0	0	0
DIELDRIN UG/L	0	0	0	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	--	0	0	0	0	0	0
LINDANE UG/L	0	0	0	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	--	--	--	0	0	0	0	--	--
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0	0
METHYL TRITHION UG/L	0	0	--	0	0	0	0	0	0
PARATHION UG/L	0	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	0	0	--	0	0	0	0	0	0
TRITHION UG/L	0	0	0	0	0	0	0	0	0
2,4-D UG/L	0	0	.01	.01	.03	0	.14	0	0
2,4,5-T UG/L	0	0	0	.01	0	0	0	0	0
SILVEX UG/L	0	0	0	0	0	0	0	0	0

SYSTEM(S) ON THIS PAGE..	C	C	C	C	D
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	TREATED	DISTRBN
DATE.....	12/08/70	07/14/71	10/20/71	04/12/72	07/13/72
TOT ORG CARBON MG/L	2.0	5.0	2.0	0	0
PCB UG/L	--	0	0	0	0
PCN UG/L	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0
CHLORDANE UG/L	--	0	0	0	0
DDD UG/L	0	0	0	0	0
DDE UG/L	0	0	0	0	0
DDT UG/L	0	0	0	0	0
DIAZINON UG/L	--	0	0	0	0
DIELDRIN UG/L	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0
ETHION UG/L	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	--	0	0	0	0
LINDANE UG/L	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0
METHOXYCHLOR UG/L	--	0	0	0	0
METHYL PARATHION UG/L	0	0	0	0	0
METHYL TRITHION UG/L	--	0	0	0	0
PARATHION UG/L	0	0	0	0	0
TOXAPHENE UG/L	--	0	0	0	0
TRITHION UG/L	0	0	0	0	0
2,4-D UG/L	0	0	--	0	0
2,4,5-T UG/L	0	0	--	0	0
SILVEX UG/L	0	0	--	0	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

ORANGE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	412739074270000	MIDDLETOWN(C)-HIGHLAND LAKE
B	412739074270001	MIDDLETOWN(C)-HIGHLAND LAKE
C	413130074144501	MONTGOMERY(V)-WELL
D	412952074021600	NEWBURGH CONSOLIDATED WD-CHADWICK LAKE
E	412952074021601	NEWBURGH CONSOLIDATED WD-CHADWICK LAKE

SYSTEM(S) ON THIS PAGE..	A	B	C	D	O	E	F
TYPE OF WATER SAMPLED...	RAW	TREATED	RAW	RAW	RAW	TREATED	TREATED
DATE.....	10/17/74	10/17/74	12/15/70	06/12/73	09/17/73	06/12/73	09/17/73
TOT ORG CARBON MG/L	--	3.0	3.0	6.2	7.0	1.8	3.3
PCB UG/L	0	0	--	0	0	0	0
PCN UG/L	0	0	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0	0	0
CHLORDANE UG/L	0	0	--	0	0	0	0
DDD UG/L	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0
DIAZINON UG/L	0	0	--	0	0	0	0
DIELDRIN UG/L	0	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	--	0	0	0	0
LINDANE UG/L	0	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	--	--	--	0	0	0	0
METHYL PARATHION UG/L	0	0	0	0	0	0	0
METHYL TRITHION UG/L	0	0	--	0	0	0	0
PARATHION UG/L	0	0	0	0	0	0	0
TOXAPHENE UG/L	0	0	--	0	0	0	0
TRITHION UG/L	0	0	0	0	0	0	0
2,4-D UG/L	0	0	0	.03	.03	0	.02
2,4,5-T UG/L	0	0	0	0	.02	0	.01
SILVER UG/L	0	0	0	0	0	0	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

OSWEGO COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	432730076320000	OSWEGO(C)-LAKE ONTARIO
B	432730076320001	OSWEGO(C)-LAKE ONTARIO

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	B	B	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	TREATED	TREATED	TREATED	TREATED
DATE.....	12/09/70	07/15/71	10/21/71	04/10/72	07/12/72	12/09/70	07/15/71	10/21/71	04/10/72
TOT ORG CARBON MG/L	4.0	6.0	3.0	2.0	1.0	3.0	4.0	2.0	1.0
PCB UG/L	--	0	0	0	0	--	0	0	0
PCN UG/L	--	--	--	--	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0	0	0	0	0
CHLORDANE UG/L	--	0	0	0	0	--	0	0	0
DDD UG/L	0	0	0	0	.01	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0	0	0
DIAZINON UG/L	--	0	0	0	0	--	0	0	0
DIELDRIN UG/L	0	0	0	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	--	0	0	0	0	--	0	0	0
LINDANE UG/L	0	0	0	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	--	0	0	0	0	--	0	0	0
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0	0
METHYL TRITHION UG/L	--	0	0	0	0	--	0	0	0
PARATHION UG/L	0	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	--	0	0	0	0	--	0	0	0
TRITHION UG/L	0	0	0	0	0	0	0	0	0
2,4-D UG/L	0	0	0	0	0	.01	0	0	0
2,4,5-T UG/L	0	0	0	0	0	0	0	0	0
SILVEX UG/L	0	.01	0	0	0	0	0	.03	0

SYSTEM(S) ON THIS PAGE..	B
TYPE OF WATER SAMPLED...	TREATED
DATE.....	07/12/72
TOT ORG CARBON MG/L	1.0
PCB UG/L	0
PCN UG/L	--
ALDRIN UG/L	0
CHLORDANE UG/L	0
DDD UG/L	0
DDE UG/L	0
DDT UG/L	0
DIAZINON UG/L	0
DIELDRIN UG/L	0
ENDRIN UG/L	0
ETHION UG/L	0
HEPTACHLOR UG/L	0
HEPTACHLOR EPOXIDE UG/L	0
LINDANE UG/L	0
MALATHION UG/L	0
METHOXYCHLOR UG/L	0
METHYL PARATHION UG/L	0
METHYL TRITHION UG/L	0
PARATHION UG/L	0
TOXAPHENE UG/L	0
TRITHION UG/L	0
2,4-D UG/L	0
2,4,5-T UG/L	0
SILVEX UG/L	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

RENSSELAER COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	425203073350000	TROY(C)-TOMHANNOCK RESERVOIR
B	425049073370201	TPOY(C)-TOMHANNOCK RESERVOIR

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	A	A	A	A
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	01/26/71	07/16/71	10/14/71	04/06/72	07/12/72	10/18/72	01/10/73	04/19/73	06/13/74
TOT ORG CARBON MG/L	2.0	3.0	3.0	5.0	2.0	0	3.0	.7	2.1
PCB UG/L	--	0	0	0	0	< .1	0	0	0
PCN UG/L	--	--	--	--	--	--	--	--	0
ALDRIN UG/L	0	0	0	0	0	0	0	0	0
CHLORDANE UG/L	--	0	0	0	0	< .1	0	0	0
DDD UG/L	0	0	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0	0	0
DIAZINON UG/L	0	0	0	0	0	0	0	0	0
DIELDRIN UG/L	0	0	0	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	--	0	0	0	0	0	0	0	0
LINDANE UG/L	0	0	0	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	--	0	0	0	0	0	0	0	--
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0	0
METHYL TRITHION UG/L	--	0	0	0	0	0	0	0	0
PARATHION UG/L	0	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	--	0	0	0	0	< .1	0	0	0
TRITHION UG/L	0	0	0	0	0	0	0	0	0
2,4-D UG/L	0	0	0	0	0	0	0	0	0
2,4,5-T UG/L	0	0	0	0	0	.01	0	0	0
SILVEX UG/L	0	0	0	0	0	0	0	0	0

SYSTEM(S) ON THIS PAGE..	A	B	B	B	B	B	B
TYPE OF WATER SAMPLED...	RAW	TREATED	TREATED	TREATED	TREATED	TREATED	TREATED
DATE.....	10/04/74	01/26/71	07/16/71	10/14/71	04/06/72	06/13/74	10/04/74
TOT ORG CARBON MG/L	12	1.0	1.0	0	1.0	1.0	2.6
PCB UG/L	0	--	0	0	0	0	0
PCN UG/L	0	--	--	--	--	0	0
ALDRIN UG/L	0	0	0	0	0	0	0
CHLORDANE UG/L	0	--	0	0	0	0	0
DDD UG/L	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0
DIAZINON UG/L	0	0	0	0	0	0	0
DIELDRIN UG/L	0	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	--	0	0	0	0	0
LINDANE UG/L	0	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	--	--	0	0	0	--	--
METHYL PARATHION UG/L	0	0	0	0	0	0	0
METHYL TRITHION UG/L	0	--	0	0	0	0	0
PARATHION UG/L	0	0	0	0	0	0	0
TOXAPHENE UG/L	0	--	0	0	0	0	0
TRITHION UG/L	0	0	0	0	0	0	0
2,4-D UG/L	0	0	0	0	0	0	0
2,4,5-T UG/L	0	0	0	0	0	0	0
SILVEX UG/L	0	0	0	0	0	0	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

ST. LAWRENCE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	441941075273500	GOUVERNEUR(V)-OSWEGATCHIE RIVER
B	441941075273501	GOUVERNEUR(V)-OSWEGATCHIE RIVER
C	444448075075100	MADRID W.T.-GRASS RIVER
D	444448075075101	MADRID W.T.-GRASS RIVER
E	445701074542500	MASSENA(V)-ST LAWRENCE RIVER
F	445701074542501	MASSENA(V)-ST LAWRENCE RIVER

SYSTEM(S) ON THIS PAGE..	A	B	A	A	H	H	H	H	C
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	TREATED	TREATED	TREATED	TREATED	RAW
DATE.....	12/08/70	07/14/71	10/13/71	04/05/72	12/08/70	07/14/71	10/13/71	04/05/72	12/08/70
TOT ORG CARBON MG/L	8.0	7.0	6.0	6.0	7.0	5.0	3.0	4.0	9.0
PCB UG/L	1.0	.2	.1	.1	--	0	0	0	--
PCN UG/L	--	--	--	--	--	--	--	--	--
ALDRIN UG/L	--	--	0	0	0	0	0	0	0
CHLORDANE UG/L	--	0	0	0	--	0	0	0	--
DDD UG/L	--	0	0	0	0	0	0	0	0
DDE UG/L	--	0	0	0	0	0	0	0	0
DDT UG/L	--	0	0	0	0	0	0	0	--
DIAZINON UG/L	--	0	0	0	--	0	0	0	0
DIELDRIN UG/L	--	0	0	0	0	0	0	0	0
ENDRIN UG/L	--	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	--	--	0	0	0	0	0	0	--
HEPTACHLOR EPOXIDE UG/L	--	0	0	0	--	0	0	0	0
LINDANE UG/L	--	--	0	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	--	0	0	0	--	0	0	0	--
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0	0
METHYL TRITHION UG/L	--	0	0	0	--	0	0	0	--
PARATHION UG/L	0	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	--	0	0	0	--	0	0	0	--
TRITHION UG/L	0	0	0	0	0	0	0	0	0
2,4-D UG/L	0	0	0	0	0	0	0	0	0
2,4,5-T UG/L	0	0	0	0	0	0	0	0	0
SILVEX UG/L	0	0	0	0	0	0	0	0	0

SYSTEM(S) ON THIS PAGE..	D	E	E	E	E	F	F	F	F
TYPE OF WATER SAMPLED...	TREATED	RAW	RAW	RAW	RAW	TREATED	TREATED	TREATED	TREATED
DATE.....	12/08/70	12/07/70	07/15/71	10/14/71	04/05/72	12/07/70	07/15/71	10/14/71	04/05/72
TOT ORG CARBON MG/L	2.0	62	5.0	2.0	2.0	3.0	4.0	7.0	3.0
PCB UG/L	--	--	0	0	0	--	0	0	0
PCN UG/L	--	--	--	--	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0	0	0	0	0
CHLORDANE UG/L	--	--	0	0	0	--	0	0	0
DDD UG/L	0	0	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0	0	0
DIAZINON UG/L	--	--	0	0	0	--	.01	0	0
DIELDRIN UG/L	0	0	0	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	--	--	0	0	0	--	0	0	0
LINDANE UG/L	0	0	0	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	--	--	0	0	0	--	0	0	0
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0	0
METHYL TRITHION UG/L	--	--	0	0	0	--	0	0	0
PARATHION UG/L	0	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	--	--	0	0	0	--	0	0	0
TRITHION UG/L	0	0	0	0	0	0	0	0	0
2,4-D UG/L	0	.01	0	0	0	0	0	0	0
2,4,5-T UG/L	0	< .01	0	.02	0	0	0	0	0
SILVEX UG/L	0	< .01	0	0	0	0	0	0	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

ST. LAWRENCE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	444117075301100	OGDENSBURG(V)-ST LAWRENCE RIVER
B	444117075301101	OGDENSBURG(V)-ST LAWRENCE RIVER
C	445200075115101	WADDINGTON(V)-WELLS

SYSTEM(S) ON THIS PAGE..	A	B	C
TYPE OF WATER SAMPLED...	RAW	TREATED	RAW
DATE.....	12/14/70	12/14/70	12/07/70
TOT ORG CARBON MG/L	1.0	0	0
PCB UG/L	--	--	--
PCN UG/L	--	--	--
ALDRIN UG/L	0	0	0
CHLORDANE UG/L	--	--	--
DDD UG/L	0	0	0
DDE UG/L	0	0	0
DDT UG/L	0	0	0
DIAZINON UG/L	--	--	--
DIELDRIN UG/L	0	0	0
ENDRIN UG/L	0	0	0
ETHION UG/L	0	0	0
HEPTACHLOR UG/L	0	0	0
HEPTACHLOR EPOXIDE UG/L	--	--	--
LINDANE UG/L	0	0	0
MALATHION UG/L	0	0	0
METHOXYCHLOR UG/L	--	--	--
METHYL PARATHION UG/L	0	0	0
METHYL TRITHION UG/L	--	--	--
PARATHION UG/L	0	0	0
TOXAPHENE UG/L	--	--	--
TRITHION UG/L	0	0	0
2,4-D UG/L	0	0	0
2,4,5-T UG/L	0	0	0
SILVEX UG/L	0	0	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

SARATOGA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	425524073432200	MECHANICVILLE(C)-BAKER & PLUM BROOKS
B	425524073432201	MECHANICVILLE(C)-BAKER & PLUM BROOKS
C	430523073461300	SARATOGA SPRINGS(C)-LOUGHBERRY LAKE
D	430523073461301	SARATOGA SPRINGS(C)-LOUGHBERRY LAKE
E	424741073403000	WATERFORD (V)-HUDSON RIVER

SYSTEM(S) ON THIS PAGE..	A	A	B	B	C	C	C	C	D
TYPE OF WATER SAMPLED...	RAW	RAW	TREATED	TREATED	RAW	RAW	RAW	RAW	TREATED
DATE.....	06/14/74	10/02/74	06/14/74	10/02/74	06/15/73	09/17/73	06/13/74	10/02/74	04/15/73
TOT ORG CARBON MG/L	2.5	7.1	1.5	5.4	1.8	4.0	2.4	4.9	8.8
PCB UG/L	0	0	0	0	0	0	0	0	0
PCN UG/L	0	0	0	0	--	--	0	0	--
ALDRIN UG/L	0	0	0	0	0	0	0	0	0
CHLORDANE UG/L	0	0	0	0	0	0	0	0	0
DDD UG/L	0	0	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0	0	0
DIAZINON UG/L	0	0	0	0	0	0	0	0	0
DIELDRIN UG/L	0	0	0	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	0	0	0	0	0	0	0
LINDANE UG/L	0	0	0	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	--	--	--	--	0	0	--	--	0
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0	0
METHYL TRITHION UG/L	0	0	0	0	0	0	0	0	0
PARATHION UG/L	0	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	0	0	0	0	0	0	0	0	0
TRITHION UG/L	0	0	0	0	0	0	0	0	0
2,4-D UG/L	0	0	0	0	0	0	0	0	0
2,4,5-T UG/L	0	0	0	0	0	0	0	0	0
SILVER UG/L	0	0	0	0	0	0	0	0	0

SYSTEM(S) ON THIS PAGE..	D	D	D	E	E	E	E	E	E
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED	RAW	RAW	RAW	RAW	RAW	RAW
DATE.....	09/17/73	06/13/74	10/02/74	05/31/73	07/10/73	09/04/73	06/20/74	07/16/74	09/12/74
TOT ORG CARBON MG/L	--	1.2	4.0	6.0	1.0	3.0	--	4.1	5.7
PCB UG/L	0	0	0	.9	3.0	1.5	2.9	.6	--
PCN UG/L	--	0	0	--	--	--	0	0	--
ALDRIN UG/L	0	0	0	0	0	0	0	0	--
CHLORDANE UG/L	0	0	0	0	0	0	0	0	--
DDD UG/L	0	0	0	0	0	0	0	0	--
DDE UG/L	0	0	0	0	< .01	0	0	0	--
DDT UG/L	0	0	0	0	0	< .01	0	0	0
DIAZINON UG/L	0	0	0	0	0	0	0	0	--
DIELDRIN UG/L	0	0	0	0	0	0	0	0	--
ENDRIN UG/L	0	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0	--
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0	--
HEPTACHLOR EPOXIDE UG/L	0	0	0	0	0	0	0	0	--
LINDANE UG/L	0	0	0	0	0	0	0	0	--
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	0	--	--	0	0	0	--	--	--
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0	0
METHYL TRITHION UG/L	0	0	0	0	0	0	0	0	0
PARATHION UG/L	0	0	0	0	0	0	0	0	--
TOXAPHENE UG/L	0	0	0	0	0	0	0	0	0
TRITHION UG/L	0	0	0	0	0	0	0	.06	0
2,4-D UG/L	--	0	.01	0	0	.02	0	0	0
2,4,5-T UG/L	--	0	0	0	0	0	0	.01	.01
SILVER UG/L	--	0	0	0	0	0	0	0	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

SARATOGA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	424741073403001	WATERFORD WD-HUDSON RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A
TYPE OF WATER SAMPLED...	TREATED	TREATED	TREATED
DATE.....	06/20/74	07/18/74	09/12/74
TOT ORG CARBON MG/L	--	1.6	8.0
PCB UG/L	.6	.2	0
PCN UG/L	0	0	0
ALDRIN UG/L	0	0	0
CHLORDANE UG/L	0	0	0
DDD UG/L	0	0	0
DDE UG/L	0	0	0
DDT UG/L	0	0	0
DIAZINON UG/L	0	0	0
DIELDRIN UG/L	0	0	0
ENDRIN UG/L	0	0	0
ETHION UG/L	0	0	0
HEPTACHLOR UG/L	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	0
LINDANE UG/L	0	0	0
MALATHION UG/L	0	0	0
METHOXYCHLOR UG/L	--	--	--
METHYL PARATHION UG/L	0	0	0
METHYL TRITHION UG/L	0	0	0
PARATHION UG/L	0	0	0
TOXAPHENE UG/L	0	0	0
TRITHION UG/L	0	0	0
2,4-D UG/L	0	0	0
2,4,5-T UG/L	0	0	0
SILVER UG/L	0	0	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

SCHENECTADY COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	424918073591701	SCHENECTADY(C)-WELLS
B	424918073591700	SCHENECTADY(C)-WELLS

SYSTEM(S) ON THIS PAGE..	A	A	A	A	A	B	B	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	TREATED	TREATED	TREATED	TREATED
DATE.....	11/10/70	07/12/71	10/14/71	04/06/72	07/13/72	11/10/70	07/12/71	10/14/71	04/06/72
TOT ORG CARBON MG/L	5.0	6.0	0	0	0	7.0	4.0	0	0
PCB UG/L	--	0	0	0	0	--	0	0	0
PCN UG/L	--	--	--	--	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0	0	0	0	0
CHLORDANE UG/L	--	0	0	0	0	--	0	0	0
DDD UG/L	0	0	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0	0	0
DIAZINON UG/L	--	0	0	0	0	--	0	.02	0
DIELDRIN UG/L	0	< .01	< .01	0	0	0	0	< .01	0
ENDRIN UG/L	0	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	--	0	0	0	0	--	0	0	0
LINDANE UG/L	0	0	0	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	--	0	0	0	0	--	0	0	0
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0	0
METHYL TRITHION UG/L	--	0	0	0	0	--	0	0	0
PARATHION UG/L	0	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	--	0	0	0	0	--	0	0	0
TRITHION UG/L	0	0	0	0	0	0	0	0	0
2,4-D UG/L	0	0	0	0	0	0	0	0	0
2,4,5-T UG/L	0	0	0	0	0	0	0	0	0
SILVEX UG/L	0	0	0	0	0	0	0	0	0

SYSTEM(S) ON THIS PAGE..	B
TYPE OF WATER SAMPLED...	TREATED
DATE.....	07/13/72
TOT ORG CARBON MG/L	1.0
PCB UG/L	0
PCN UG/L	--
ALDRIN UG/L	0
CHLORDANE UG/L	0
DDD UG/L	0
DDE UG/L	0
DDT UG/L	0
DIAZINON UG/L	0
DIELDRIN UG/L	0
ENDRIN UG/L	0
ETHION UG/L	0
HEPTACHLOR UG/L	0
HEPTACHLOR EPOXIDE UG/L	0
LINDANE UG/L	0
MALATHION UG/L	0
METHOXYCHLOR UG/L	0
METHYL PARATHION UG/L	0
METHYL TRITHION UG/L	0
PARATHION UG/L	0
TOXAPHENE UG/L	0
TRITHION UG/L	0
2,4-D UG/L	0
2,4,5-T UG/L	0
SILVEX UG/L	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

SCHOHARIE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	423457074174700	MIDDLEBURG(V)-LITTLE SCHOHARIE CREEK
B	423519074191600	MIDDLEBURG(V)-LITTLE SCHOHARIE CREEK

SYSTEM(S) ON THIS PAGE..	A	A	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	TREATED	TREATED
DATE.....	06/26/74	10/15/74	06/26/74	10/15/74
TOT ORG CARBON MG/L	1.4	2.1	3.4	6.6
PCB UG/L	0	0	0	0
PCN UG/L	0	0	0	0
ALDRIN UG/L	0	0	0	0
CHLORDANE UG/L	0	0	0	0
DDD UG/L	0	0	0	0
DDE UG/L	0	0	0	0
DDT UG/L	0	0	0	0
DIAZINON UG/L	0	0	0	0
DIELDRIN UG/L	0	0	0	0
ENDRIN UG/L	0	0	0	0
ETHION UG/L	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	0	0
LINDANE UG/L	0	0	0	0
MALATHION UG/L	0	0	0	0
METHOXYCHLOR UG/L	--	--	--	--
METHYL PARATHION UG/L	0	0	0	0
METHYL TRITHION UG/L	0	0	0	0
PARATHION UG/L	0	0	0	0
TOXAPHENE UG/L	0	0	0	0
TRITHION UG/L	0	0	0	0
2,4-D UG/L	0	0	0	0
2,4,5-T UG/L	0	0	0	0
SILVEX UG/L	0	0	0	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

SCHUYLER COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	422328076525000	WATKINS GLEN(V)-SENECA LAKE
B	422328076525001	WATKINS GLEN(V)-SENECA LAKE

SYSTEM(S) ON THIS PAGE..	A	A	A	B	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	TREATED	TREATED	TREATED
DATE.....	07/14/71	10/20/71	04/12/72	07/14/71	10/20/71	04/12/72
TOT ORG CARBON MG/L	4.0	6.0	1.0	4.0	1.0	0
PCB UG/L	0	0	0	0	0	0
PCN UG/L	--	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0	0
CHLORDANE UG/L	0	0	0	0	0	0
DDD UG/L	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0
DIAZINON UG/L	0	0	0	0	0	0
DIELDRIN UG/L	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	0	0	0	0
LINDANE UG/L	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0
METHOXYCHLOR UG/L	0	0	0	0	0	0
METHYL PARATHION UG/L	0	0	0	0	0	0
METHYL TRITHION UG/L	0	0	0	0	0	0
PARATHION UG/L	0	0	0	0	0	0
TOXAPHENE UG/L	0	0	0	0	0	0
TRITHION UG/L	0	0	0	0	0	0
2,4-D UG/L	--	.03	0	0	0	0
2,4,5-T UG/L	--	0	0	0	0	0
SILVER UG/L	--	0	0	0	0	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

SENECA COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	425046076441400	SENECA FALLS(V)-CAYUGA LAKE
B	425046076441401	SENECA FALLS(V)-CAYUGA LAKE
C	425405076522900	WATERLOO(V)-SENECA RIVER
D	425405076522901	WATERLOO(V)-SENECA RIVER

SYSTEM(S) ON THIS PAGE..	A	A	A	B	B	B	C	C	C
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	TREATED	TREATED	TREATED	RAW	RAW	RAW
DATE.....	07/14/71	10/20/71	04/12/72	07/14/71	10/20/71	04/12/72	07/14/71	10/20/71	04/12/72
TOT ORG CARBON MG/L	5.0	2.0	1.0	6.0	3.0	0	8.0	2.0	2.0
PCB UG/L	0	0	0	0	0	0	0	0	0
PCN UG/L	--	--	--	--	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0	0	0	0	0
CHLORDANE UG/L	0	0	0	0	0	0	0	0	0
DDD UG/L	0	0	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0	0	0
DIAZINON UG/L	0	0	0	.01	0	0	0	0	0
DIELDRIN UG/L	0	0	0	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	0	0	0	0	0	0	0
LINDANE UG/L	0	0	0	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	0	0	0	0	0	0	0	0	0
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0	0
METHYL TRITHION UG/L	0	0	0	0	0	0	0	0	0
PARATHION UG/L	0	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	0	0	0	0	0	0	0	0	0
TRITHION UG/L	0	0	0	0	0	0	0	0	0
2,4-D UG/L	0	0	0	0	0	0	0	0	0
2,4,5-T UG/L	0	0	0	0	0	0	.03	0	0
SILVEX UG/L	0	0	0	0	0	0	0	0	0

SYSTEM(S) ON THIS PAGE..	C	D	D	D	D
TYPE OF WATER SAMPLED...	RAW	TREATED	TREATED	TREATED	TREATED
DATE.....	07/13/72	07/14/71	10/20/71	04/12/72	07/13/72
TOT ORG CARBON MG/L	3.0	6.0	3.0	2.0	1.0
PCB UG/L	0	0	0	0	0
PCN UG/L	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0
CHLORDANE UG/L	0	0	0	0	0
DDD UG/L	0	0	0	0	0
DDE UG/L	0	0	0	0	0
DDT UG/L	0	0	0	0	0
DIAZINON UG/L	0	0	0	0	0
DIELDRIN UG/L	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0
ETHION UG/L	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	0	0	0
LINDANE UG/L	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0
METHOXYCHLOR UG/L	0	0	0	0	0
METHYL PARATHION UG/L	0	0	0	0	0
METHYL TRITHION UG/L	0	0	0	0	0
PARATHION UG/L	0	.01	0	0	0
TOXAPHENE UG/L	0	0	0	0	0
TRITHION UG/L	0	0	0	0	0
2,4-D UG/L	.02	.01	0	0	.01
2,4,5-T UG/L	0	0	0	0	0
SILVEX UG/L	0	0	0	0	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

STEUBEN COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	420615077140401	ADDISON(V)-WELLS
B	420615077140400	ADDISON(V)-WELLS

SYSTEM(S) ON THIS PAGE..	A	B
TYPE OF WATER SAMPLED...	RAW	TREATED
DATE.....	12/08/70	12/08/70
TOT ORG CARBON MG/L	4.0	7.0
PCB UG/L	--	--
PCN UG/L	--	--
ALDRIN UG/L	0	0
CHLORDANE UG/L	--	--
DDD UG/L	0	0
DDE UG/L	0	0
DDT UG/L	0	0
DIAZINON UG/L	--	--
DIELDRIN UG/L	0	0
ENDRIN UG/L	0	0
ETHION UG/L	0	0
HEPTACHLOR UG/L	0	0
HEPTACHLOR EPOXIDE UG/L	--	--
LINDANE UG/L	0	0
MALATHION UG/L	0	0
METHOXYCHLOR UG/L	--	--
METHYL PARATHION UG/L	0	0
METHYL TRITHION UG/L	--	--
PARATHION UG/L	0	0
TOXAPHENE UG/L	--	--
TRITHION UG/L	0	0
2,4-D UG/L	0	0
2,4,5-T UG/L	0	0
SILVEX UG/L	0	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

SUFFOLK COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	404633073070802	BOHEMIA(U) PATCHOGUE PLANT-WELL #3
B	404633073070803	BOHEMIA(U) PATCHOGUE PLANT-WELL #3
C	405129073071900	PARSNIP POND WATER CO.-WELLS

SYSTEM(S) ON THIS PAGE..	A	B	C
TYPE OF WATER SAMPLED...	RAW	TREATED	DISTRBN
DATE.....	03/09/71	03/09/71	02/01/72
TOT ORG CARBON MG/L	4.0	5.0	5.0
PCB UG/L	--	--	0
PCN UG/L	--	--	--
ALDRIN UG/L	0	0	0
CHLORDANE UG/L	--	--	0
DDD UG/L	0	0	0
DDE UG/L	0	0	0
DDT UG/L	0	0	0
DIAZINON UG/L	< .01	< .01	0
DIELDRIN UG/L	0	0	0
ENDRIN UG/L	0	0	0
ETHION UG/L	0	0	0
HEPTACHLOR UG/L	0	0	0
HEPTACHLOR EPOXIDE UG/L	--	--	0
LINDANE UG/L	0	0	0
MALATHION UG/L	0	0	0
METHOXYCHLOR UG/L	--	--	0
METHYL PARATHION UG/L	0	0	0
METHYL TRITHION UG/L	--	--	0
PARATHION UG/L	0	0	0
TOXAPHENE UG/L	--	--	0
TRITHION UG/L	0	0	0
2,4-D UG/L	0	0	0
2,4,5-T UG/L	0	0	0
SILVEX UG/L	0	0	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

ULSTER COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	414249073565700	HIGHLAND #D-HUDSON RIVER
	B	414249073565701	HIGHLAND #D-HUDSON RIVER

SYSTEM(S) ON THIS PAGE..	A	B
TYPE OF WATER SAMPLED...	RAW	TREATED
DATE.....	12/15/70	12/15/70
TOT ORG CARBON MG/L	4.0	5.0
PCB UG/L	.8	.4
PCN UG/L	--	--
ALDRIN UG/L	--	--
CHLORDANE UG/L	--	--
DDD UG/L	--	--
DDE UG/L	--	--
DDT UG/L	--	--
DIAZINON UG/L	0	0
DIELDRIN UG/L	--	--
ENDRIN UG/L	--	--
ETHION UG/L	0	0
HEPTACHLOR UG/L	--	--
HEPTACHLOR EPOXIDE UG/L	--	--
LINDANE UG/L	--	--
MALATHION UG/L	0	0
METHOXYCHLOR UG/L	--	--
METHYL PARATHION UG/L	0	0
METHYL TRITHION UG/L	--	--
PARATHION UG/L	0	0
TOXAPHENE UG/L	--	--
TRITHION UG/L	0	0
2,4-D UG/L	0	0
2,4,5-T UG/L	0	0
SILVEX UG/L	0	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

WARREN COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	432614073421400	LAKE GEORGE(V)-LAKE GEORGE
H	432614073421401	LAKE GEORGE(V)-LAKE GEORGE

SYSTEM(S) ON THIS PAGE...	A	A	A	A	A	H	H	H	H
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	RAW	TREATED	TREATED	TREATED	TREATED
DATE.....	01/26/71	07/14/71	10/15/71	04/07/72	07/13/72	07/14/71	10/15/71	04/07/72	07/13/72
TOT ORG CARBON MG/L	<1.0	5.0	1.0	3.0	4.0	3.0	0	0	1.0
PCB UG/L	--	0	0	0	0	0	0	0	0
PCN UG/L	--	--	--	--	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0	0	0	0	0
CHLORDANE UG/L	--	0	0	0	0	0	0	0	0
DDD UG/L	0	0	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0	0	0
DIAZINON UG/L	0	0	0	0	0	0	0	0	0
DIELDRIN UG/L	0	0	0	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	--	0	0	0	0	0	0	0	0
LINDANE UG/L	0	0	0	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	--	0	0	0	0	0	0	0	0
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0	0
METHYL TRITHION UG/L	--	0	0	0	0	0	0	0	0
PARATHION UG/L	0	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	--	0	0	0	0	0	0	0	0
TRITHION UG/L	0	0	0	0	--	0	0	0	0
2,4-D UG/L	0	0	0	0	0	0	0	--	0
2,4,5-T UG/L	0	0	0	0	0	0	0	--	0
SILVEX UG/L	0	0	0	0	0	0	0	--	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

WAYNE COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	431618076591400	SODUS POINT(V)-LAKE ONTARIO
B	431618076591401	SODUS POINT(V)-LAKE ONTARIO

SYSTEM(S) ON THIS PAGE..	A	B
TYPE OF WATER SAMPLED...	RAW	TREATED
DATE.....	12/08/70	12/08/70
TOT ORG CARBON MG/L	5.0	2.0
PCB UG/L	--	--
PCN UG/L	--	--
ALDRIN UG/L	0	0
CHLORDANE UG/L	--	--
DDD UG/L	0	0
DDE UG/L	0	0
DDT UG/L	0	0
DIAZINON UG/L	--	--
DIELDRIN UG/L	0	0
ENDRIN UG/L	0	0
ETHION UG/L	0	0
HEPTACHLOR UG/L	0	0
HEPTACHLOR EPOXIDE UG/L	--	--
LINDANE UG/L	.01	0
MALATHION UG/L	0	0
METHOXYCHLOR UG/L	--	--
METHYL PARATHION UG/L	0	0
METHYL TRITHION UG/L	--	--
PARATHION UG/L	0	0
TOXAPHENE UG/L	--	--
TRITHION UG/L	0	0
2,4-D UG/L	.01	.01
2,4,5-T UG/L	0	0
SILVEX UG/L	0	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

WYOMING COUNTY

	COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
	A	425011078153000	ATTICA(V)-CROW CREEK RESERVOIR
*	B	425011078153001	ATTICA(V)-CROW CREEK RESERVOIR

SYSTEM(S) ON THIS PAGE..	A	A	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	TREATED	TREATED
DATE.....	06/14/73	09/21/73	06/14/73	09/21/73
TOT ORG CARBON MG/L	1.7	5.2	1.7	3.0
PCB UG/L	0	0	0	0
PCN UG/L	--	--	--	--
ALDRIN UG/L	0	0	0	0
CHLORDANE UG/L	0	0	0	0
DDD UG/L	0	0	0	0
DDE UG/L	0	0	0	0
DDT UG/L	0	0	0	0
DIAZINON UG/L	0	0	0	0
DIELDRIN UG/L	0	0	0	0
ENDRIN UG/L	0	0	0	0
ETHION UG/L	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	0	0	0	0
LINDANE UG/L	0	0	0	0
MALATHION UG/L	0	0	0	0
METHOXYCHLOR UG/L	0	0	0	0
METHYL PARATHION UG/L	0	0	0	0
METHYL TRITHION UG/L	0	0	0	0
PARATHION UG/L	0	0	0	0
TOXAPHENE UG/L	0	0	0	0
TRITHION UG/L	0	0	0	0
2,4-D UG/L	0	0	0	0
2,4,5-T UG/L	0	0	0	0
SILVEX UG/L	0	0	0	0

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION II. PESTICIDES AND RELATED CONSTITUENTS (CONTINUED)

YATES COUNTY

COLUMN(S) ON THIS PAGE	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
A	423858077044500	PENN YAN(V)-KEUKA LAKE
B	423858077044501	PENN YAN(V)-KEUKA LAKE

SYSTEM(S) ON THIS PAGE..	A	A	A	A	B	B	B	B
TYPE OF WATER SAMPLED...	RAW	RAW	RAW	RAW	TREATED	TREATED	TREATED	TREATED
DATE.....	01/16/71	07/14/71	10/20/71	04/12/72	01/16/71	07/14/71	10/20/71	04/12/72
TOT ORG CARBON MG/L	3.0	2.0	0	0	2.0	4.0	2.0	0
PCB UG/L	--	0	0	0	--	0	0	0
PCN UG/L	--	--	--	--	--	--	--	--
ALDRIN UG/L	0	0	0	0	0	0	0	0
CHLORDANE UG/L	--	0	0	0	--	0	0	0
DDD UG/L	0	0	0	0	0	0	0	0
DDE UG/L	0	0	0	0	0	0	0	0
DDT UG/L	0	0	0	0	0	0	0	0
DIAZINON UG/L	0	0	0	0	0	0	0	0
DIELDRIN UG/L	0	0	0	0	0	0	0	0
ENDRIN UG/L	0	0	0	0	0	0	0	0
ETHION UG/L	0	0	0	0	0	0	0	0
HEPTACHLOR UG/L	0	0	0	0	0	0	0	0
HEPTACHLOR EPOXIDE UG/L	--	0	0	0	--	0	0	0
LINDANE UG/L	0	0	0	0	0	0	0	0
MALATHION UG/L	0	0	0	0	0	0	0	0
METHOXYCHLOR UG/L	--	0	0	0	--	0	0	0
METHYL PARATHION UG/L	0	0	0	0	0	0	0	0
METHYL TRITHION UG/L	--	0	0	0	--	0	0	0
PARATHION UG/L	0	0	0	0	0	0	0	0
TOXAPHENE UG/L	--	0	0	0	--	0	0	0
TRITHION UG/L	0	0	0	0	0	0	0	0
2,4-D UG/L	0	0	0	0	0	0	.03	--
2,4,5-T UG/L	0	0	0	0	0	0	0	--
SILVEX UG/L	0	--	.01	.01	.02	< .01	.02	--

Table 2.--Chemical analyses of water from community systems in New York, November 1970-May 1975

SECTION III

Radiochemical data

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION III. RADIOCHEMICAL DATA (CONTINUED)

			GROSS BETA	GROSS ALPHA	TRITIUM	RADIUM 226	STRON-TIUM 90
			PICOCURIES PER LITER				
ALBANY COUNTY							
COHOES(C)-MOHAWK RIVER							
424657073422600	RAW WATER	DATE 10/14/71	3±1	<1	<340		<1
424657073422601	TREATED WATER	DATE 10/14/71	<1	<1	570±350		<3
GREEN ISLAND(V)-WELLS							
424421073413401	RAW WATER	DATE 10/14/71	2±1	<1	<330		<2
424421073413400	TREATED WATER	DATE 10/14/71	2±1	<1	830±350		4±2
LATHAM WD-MOHAWK RIVER							
424724073470100	RAW WATER	DATE 10/14/71	<1	<1	<330		<2
424724073470101	TREATED WATER	DATE 10/14/71	<1	<1	<340		<2
ALLEGANY COUNTY							
BELFAST WD-WELL							
422031078063101	RAW WATER	DATE 12/13/71	4±1	<1	<460		<2
BELMONT(V)-WELL							
421402078021501	RAW WATER	DATE 12/13/71	3±1	<1	<430		<2
CUBA(V)-WELLS & SPRINGS							
421314078165802	RAW WATER	DATE 12/13/71	<1	<1	<440		<2
FILLMORE(V)-SPRINGS & WELLS							
422747078065101	RAW WATER	DATE 12/13/71	2±1	<1	<430		<2
WELLSVILLE(V)-GENESEE RIVER							
420705077565100	RAW WATER	DATE 10/18/71	3±1	<1	<520		<2
420705077565101	TREATED WATER	DATE 10/18/71	3±1	<1	<520		<4
BROOME COUNTY							
BINGHAMTON(C)-SUSQUEHANNA RIVER							
420600075534000	RAW WATER	DATE 10/21/71	2±1	<1	<430		<2
420600075534001	TREATED WATER	DATE 10/21/71	<1	<1	<440		<2
ENDICOTT(V)-WELLS							
420542076031301	RAW WATER	DATE 10/21/71	8±5	<2	<440	0.4±0.1	<2
420542076031300	TREATED WATER	DATE 10/21/71	<1	<1	<440		<2
CATTARAUGUS COUNTY							
OLEAN(C)-OLEAN CREEK							
420550078255200	RAW WATER	DATE 10/18/71	7±2	<2	<520	0.12±0.06	<2
420550078255201	TREATED WATER	DATE 10/18/71	2±1	<1	580±530		<3
CAYUGA COUNTY							
AUBURN(C)-OWASCO LAKE OUTLET							
425508076325900	RAW WATER	DATE 10/20/71	3±1	<1	<510		<2
425508076325901	TREATED WATER	DATE 10/20/71	3±1	<1	<510		<3
OWASCO WD #1 & 2-OWASCO LAKE							
425118076290200	RAW WATER	DATE 02/01/72	5±1	<1	<540		<2
CHAUTAUQUA COUNTY							
DUNKIRK(C)-LAKE ERIE							
422912079203300	RAW WATER	DATE 10/18/71	9±2	<2	<510	<0.03	2±1
422912079203301	TREATED WATER	DATE 10/18/71	3±1	<1	<520		<1
CHEMUNG COUNTY							
ELMIRA(C)-CHEMUNG RIVER							
420453076491902	RAW WATER	DATE 10/21/71	3±1	<1	<440		<2
420453076491903	TREATED WATER	DATE 10/21/71	2±1	<1	<440		<2
CLINTON COUNTY							
ROUSES POINT(V)-LAKE CHAMPLAIN							
445940073213100	RAW WATER	DATE 10/14/71	4±1	<1	<340		<2
445940073213101	TREATED WATER	DATE 10/14/71	4±1	<1	<520		<1
COLUMBIA COUNTY							
CHATHAM(V)-WELLS							
422136073262001	RAW WATER	DATE 11/01/71	<1	<1	<430		<2

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION III. RADIOCHEMICAL DATA (CONTINUED)

			GROSS BETA	GROSS ALPHA	TRITIUM	RADIUM 226	STRONTIUM 90
			PICOCURIES PER LITER				
DUTCHESS COUNTY							
POUGHKEEPSIE WTP-HUDSON RIVER							
414316073562000	RAW WATER	DATE 10/18/71	9±2	2±1	<530		<2
414316073562001	TREATED WATER	DATE 10/18/71	2±1	<1	<450		<2
RHINEBECK(V)-HUDSON RIVER							
415538073565200	RAW WATER	DATE 10/18/71	4±1	<1	<480		<1
415538073565201	TREATED WATER	DATE 10/18/71	3±1	<1	<480		<2
ERIE COUNTY							
ALDEN(V)-WELL							
425415078293901	RAW WATER	DATE 09/15/71	39±8	<5	<450	0.39±0.09	<2
EAST AURORA(V)-WELL #7							
424644078362701	RAW WATER	DATE 09/14/71	<8	<3	600±480	0.16±0.06	2±1
ERIE COUNTY WA STURGEON POINT PLANT-LAKE ERIE							
424123079020800	RAW WATER	DATE 10/18/71	5±1	<1	<450		<2
424123079020801	TREATED WATER	DATE 10/18/71	3±1	<1	<510		<1
GRAND ISLAND WD #2-NIAGARA RIVER (WEST BRANCH)							
425814078580100	RAW WATER	DATE 10/19/71	4±1	<1	<510		<1
425814078580101	TREATED WATER	DATE 10/19/71	4±1	<1	<510		<2
ESSEX COUNTY							
IPC PLANT TICONDEROGA-LAKE CHAMPLAIN							
435330073233000	RAW WATER	DATE 10/15/71	4±1	<1	<520		3±2
435330073233001	TREATED WATER	DATE 10/15/71	2±1	<1	<520		<3
WILLSBORO WD #2-LAKE CHAMPLAIN							
442339073233700	RAW WATER	DATE 10/14/71	2±1	<1	<340		2±1
442339073233701	TREATED WATER	DATE 10/14/71	<1	<1	<340		<1
GENESEE COUNTY							
BATAVIA(C)-TONAWANDA CREEK							
425859078104400	RAW WATER	DATE 10/19/71	5±1	<2	<510	0.09±0.04	<1
425859078104401	TREATED WATER	DATE 10/19/71	2±1	<1	<510		<1
OAKFIELD(V)-WELLS							
430331078161301	RAW WATER	DATE 11/29/71	2±1	<1	<550		<3
JEFFERSON COUNTY							
ALEXANDRIA BAY(V)-ST. LAWRENCE RIVER							
442015075551700	RAW WATER	DATE 10/13/71	3±1	<1	<510		<1
442015075551701	TREATED WATER	DATE 10/13/71	<1	<1	<520		<2
DEXTER(V)-WELL							
440040076022101	RAW WATER	DATE 09/27/71	<6	<7	<450	0.21±0.08	<2
SACKETTS HARBOR(V)-LAKE ONTARIO							
435700076072800	RAW WATER	DATE 10/22/71	2±1	<1	<450		<3
435700076072801	TREATED WATER	DATE 10/22/71	4±1	<1	580±460		<4
WATERTOWN(C)-BLACK RIVER							
435903075514300	RAW WATER	DATE 10/21/71	2±1	<1	<440		<3
435903075514301	TREATED WATER	DATE 10/21/71	2±1	<1	<450		<2
MONROE COUNTY							
EAST ROCHESTER(V)-WELLS							
430617077292701	RAW WATER	DATE 01/10/72	<1	<3	<360		<1
MONROE COUNTY WATER AUTHORITY-LAKE ONTARIO							
431607077385301	RAW WATER	DATE 10/19/71	4±1	<1	<440		<3
431607077385300	TREATED WATER	DATE 10/19/71	4±1	<1	610±460		<2
PITTSFORD(V)-WELLS							
430526077291401	RAW WATER	DATE 01/11/72	4±3	<2	<410	0.40±0.09	<2

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION III. RADIOCHEMICAL DATA (CONTINUED)

			GROSS BETA	GROSS ALPHA	TRITIUM	RADIUM 226	STRONTIUM 90
			PICOCURIES PER LITER				
NEW YORK CITY							
NEW YORK CITY(C)-BRONX SHAFT 3A							
405330073510200	DISTRIBUTION WATER	DATE 10/18/71	12±2	<1	540±530		<3
NEW YORK CITY(C)-BRONX VAN COURTLANDT PARK							
405443073524700	DISTRIBUTION WATER	DATE 10/18/71	2±1	<1	<440		<2
	DISTRIBUTION WATER	DATE 01/18/72	2±1	<1	<460		<2
	DISTRIBUTION WATER	DATE 04/11/72	<1	<1	<450		<2
NEW YORK CITY(C)-GROTON GATE HOUSE #7							
405244073532400	DISTRIBUTION WATER	DATE 10/18/71	5±1	<1	<520		<3
	DISTRIBUTION WATER	DATE 04/12/72	5±1	<1	<440		2±1
NIAGARA COUNTY							
NIAGARA FALLS(C)-NIAGARA RIVER (WEST BRANCH)							
430434079001000	RAW WATER	DATE 10/19/71	7±1	<1	<520		<2
430434079001001	TREATED WATER	DATE 10/19/71	4±1	<1	<510		<1
NORTH TONAWANDA(V)-NIAGARA RIVER (EAST BRANCH)							
430134078531100	RAW WATER	DATE 10/19/71	5±1	<1	<520		<3
430134078531101	TREATED WATER	DATE 10/19/71	4±1	<1	<440		<3
ONEIDA COUNTY							
UTICA(C)-WEST CANADA CREEK							
431839075063800	RAW WATER	DATE 10/27/71	3±1	<1	<440		<3
431839075063801	TREATED WATER	DATE 10/27/71	4±1	<1	<440		<3
ONONDAGA COUNTY							
BALDWINSVILLE(V)-WELL							
430953076214401	RAW WATER	DATE 09/21/71	3±2	<5	<450	0.12±0.06	<2
SYRACUSE(C)-SKANEATELES LAKE							
425641076255200	RAW WATER	LATE 10/22/71	3±1	<1	<440		<2
425641076255203	TREATED WATER	DATE 10/22/71	3±1	<1	<440		<2
ONTARIO COUNTY							
GENEVA(C)-SENECA LAKE							
424958076583400	RAW WATER	DATE 10/20/71	4±2	<1	<440		<2
424958076583401	TREATED WATER	DATE 10/20/71	3±1	<1	<450		<2
ORANGE COUNTY							
NEW WINDSOR WD-WELLS							
412904074034001	RAW WATER	DATE 03/14/72	<1	<1	<540		<2
OSWEGO COUNTY							
OSWEGO(C)-LAKE ONTARIO							
432730076320000	RAW WATER	DATE 10/21/71	5±2	<1	<450		<5
432730076320001	TREATED WATER	DATE 10/21/71	8±5	<2	<440	<0.04	<2
RENSSELAER COUNTY							
TROY(C)-TOMHANNOCK RESERVOIR							
425203073350000	RAW WATER	DATE 10/14/71	<1	<1	<330		<1
425049073370201	TREATED WATER	DATE 10/14/71	2±1	<1	<330		2±1
ST. LAWRENCE COUNTY							
GOUVERNEUR(V)-OSWEGATCHIE RIVER							
441941075273500	RAW WATER	DATE 10/13/71	4±1	<1	<520		2±1
441941075273501	TREATED WATER	DATE 10/13/71	2±1	<1	<510		<2
MASSENA(V)-ST. LAWRENCE RIVER							
445701074542500	RAW WATER	DATE 10/14/71	4±1	<1	<520		<1
445701074542501	TREATED WATER	DATE 10/14/71	5±1	<1	<330		3±1

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION III. RADIOCHEMICAL DATA (CONTINUED)

			GROSS BETA	GROSS ALPHA	TRITIUM	RADIUM 226	STRONTIUM 90
			PICOCURIES PER LITER				
SCHENECTADY COUNTY							
GLENVILLE WD #11-WELLS							
424950073591001	RAW WATER	DATE 12/01/71	2±1	<1	<550		<4
NISKAYUNA WATER DISTRICT NO 5-WELLS							
424745073503401	RAW WATER	DATE 12/01/71	2±1	<1	<540		<5
SCHENECTADY(C)-WELLS							
444910073591701	RAW WATER	DATE 10/14/71	<1	<1	<340		<2
444910073591700	TREATED WATER	DATE 10/14/71	<1	<1	<350		<2
SCHUYLER COUNTY							
WATKINS GLEN(V)-SENECA LAKE							
422328076525000	RAW WATER	DATE 10/20/71	4±2	<1	<440		<2
422328076525001	TREATED WATER	DATE 10/20/71	<4	<2	<440	0.06±0.05	<3
SENECA COUNTY							
SENECA FALLS(V)-CAYUGA LAKE							
425046076441400	RAW WATER	DATE 10/20/71	3±1	<1	<520		<1
425046076441401	TREATED WATER	DATE 10/20/71	4±1	<1	<440		3±2
WATERLOO(V)-SENECA RIVER							
425405076522900	RAW WATER	DATE 10/20/71	3±1	<2	<520	0.07±0.05	<5
425405076522901	TREATED WATER	DATE 10/20/71	4±2	<1	<510		<1
SUFFOLK COUNTY							
PARSNIP POND WATER CO.-WELLS							
405129073071900	DISTRIBUTION WATER	DATE 02/01/72	<1	<1	<410		<2
WARREN COUNTY							
LAKE GEORGE(V)-LAKE GEORGE							
432614073421400	RAW WATER	DATE 10/15/71	3±1	<1	700±350		<3
432614073421401	TREATED WATER	DATE 10/15/71	2±1	<1	700±350		<2
WASHINGTON COUNTY							
GREENWICH(V)-WELL							
430455073294400	DISTRIBUTION WATER	DATE 11/03/71	3±1	<1	<490		<4
WAYNE COUNTY							
LYONS(V)-WELL #2							
430354076592901	RAW WATER	DATE 01/31/72	<3	<2	<520		<2
WESTCHESTER COUNTY							
AMAWALK AND SHENOROCK WD-INFILTRATION GALLERY							
411947073442801	RAW WATER	DATE 12/08/71	<1	<1	<420		<2
THORNWOOD WD-WELLS							
410833073465901	RAW WATER	DATE 12/13/71	4±1	<1	<440		4±2
YATES COUNTY							
PENN YANN(V)-KEUKA LAKE							
423858077044500	RAW WATER	DATE 10/20/71	3±1	<1	<440		<4
423858077044501	TREATED WATER	DATE 10/20/71	5±1	<1	<440		<2

Table 2.--Chemical analyses of water from community systems

in New York, November 1970-May 1975

SECTION IV

Bottom-material analyses

Location of bottom-material sampling site may be a considerable distance from the water-sampling site.

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION IV. SYSTEMS FROM WHICH BOTTOM MATERIALS WERE SAMPLED (CONTINUED)

ALBANY COUNTY

NUMBER, NAME, AND SOURCE OF WATER FOR SAMPLING SITE IN SECTION I: SOURCE OF BOTTOM-MATERIAL SAMPLE:

424724073470100 LATHAM NO-MOHAWK RIVER — MOHAWK RIVER

DATE	TOTAL NITRITE PLUS NITRATE IN BOT. MAT. (MG/KG)	TOTAL AMMONIA NITROGEN IN BOTTOM MAT. (MG/KG)	TOTAL KJEL. NITROGEN IN BOTTOM MAT. (MG/KG)	TOTAL PHOSPHORUS IN BOTTOM MATERIAL (MG/KG)	TOTAL ARSENIC IN BOTTOM MATERIAL (UG/G)	TOTAL BORON IN BOTTOM MATERIAL (UG/G)	TOTAL CADMIUM IN BOTTOM MATERIAL (UG/G)	TOTAL CHROMIUM IN BOTTOM MATERIAL (UG/G)	TOTAL COBALT IN BOTTOM MATERIAL (UG/G)	TOTAL COPPER IN BOTTOM MATERIAL (UG/G)
JUL 1974										
18...	.0	70	2400	420	10	11	3	200	5	140
SEP										
12...	1.6	138	720	465	8	--	3	410	13	140

DATE	TOTAL IRON IN BOTTOM MATERIAL (UG/G)	TOTAL LEAD IN BOTTOM MATERIAL (UG/G)	TOTAL MANGANESE IN BOTTOM MATERIAL (UG/G)	TOTAL MERCURY IN BOTTOM MATERIAL (UG/G)	TOTAL NICKEL IN BOTTOM MATERIAL (UG/G)	TOTAL SELENIUM IN BOTTOM MATERIAL (UG/G)	TOTAL STRONTIUM IN BOTTOM MATERIAL (UG/G)	TOTAL TIN IN BOTTOM MATERIAL (UG/G)	TOTAL ZINC IN BOTTOM MATERIAL (UG/G)	TOTAL CYANIDE IN BOTTOM MATERIAL (UG/G)
JUL 1974										
18...	20000	60	370	.2	35	0	34	50	180	0
SEP										
12...	17000	76	390	.6	37	0	58	--	276	9

DATE	ORGANIC CARBON IN BOTTOM MATERIAL (C) (G/KG)	INORGANIC CARBON IN BOTTOM MATERIAL (G/KG)	PCB IN BOTTOM MATERIAL (UG/KG)	PCN IN BOTTOM MATERIAL (UG/KG)	ALDRIN IN BOTTOM MATERIAL (UG/KG)	CHLORDANE IN BOTTOM MATERIAL (UG/KG)	DDD IN BOTTOM MATERIAL (UG/KG)	DDE IN BOTTOM MATERIAL (UG/KG)	DDT IN BOTTOM MATERIAL (UG/KG)	DIAZINON IN BOTTOM MATERIAL (UG/KG)	DIELDRIN IN BOTTOM MATERIAL (UG/KG)	ENDRIN IN BOTTOM MATERIAL (UG/KG)	ETHION IN BOTTOM MATERIAL (UG/KG)
JUL 1974													
18...	18	2.3	120	0	.0	3	1.7	.0	.0	.0	1.7	.0	.0
SEP													
12...	4.2	8.1	1400	0	--	8	68	41	5.7	.0	2.6	.0	.0

DATE	HEPTACHLOR IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM MATERIAL (UG/KG)	LINDANE IN BOTTOM MATERIAL (UG/KG)	MALATHION IN BOTTOM MATERIAL (UG/KG)	METHYL PARATHION IN BOTTOM MATERIAL (UG/KG)	METHYL TRITHION IN BOTTOM MATERIAL (UG/KG)	PARATHION IN BOTTOM MATERIAL (UG/KG)	TOXAPHENE IN BOTTOM MATERIAL (UG/KG)	TRITHION IN BOTTOM MATERIAL (UG/KG)	2,4-D IN BOTTOM MATERIAL (UG/KG)	2,4,5-T IN BOTTOM MATERIAL (UG/KG)	SILVEX IN BOTTOM MATERIAL (UG/KG)
JUL 1974												
18...	.0	.0	.0	.0	.0	.0	.0	0	.0	0	0	0
SEP												
12...	.0	.0	.0	.0	.0	.0	.0	0	.0	0	0	0

DATE	BED MAT. SIEVE DIAM. % FINER THAN .062 MM	BED MAT. SIEVE DIAM. % FINER THAN .125 MM	BED MAT. SIEVE DIAM. % FINER THAN .250 MM	BED MAT. SIEVE DIAM. % FINER THAN .500 MM	BED MAT. SIEVE DIAM. % FINER THAN 1.00 MM	BED MAT. SIEVE DIAM. % FINER THAN 2.00 MM	BED MAT. SIEVE DIAM. % FINER THAN 4.00 MM	BED MAT. SIEVE DIAM. % FINER THAN 8.00 MM
JUL 1974								
18...	75	85	92	96	98	99	100	--
SEP								
12...	79	83	86	89	92	95	99	100

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION IV. SYSTEMS FROM WHICH BOTTOM MATERIALS WERE SAMPLED (CONTINUED)

DUTCHESS COUNTY

NUMBER, NAME, AND SOURCE OF WATER FOR SAMPLING SITE IN SECTION I: SOURCE OF BOTTOM-MATERIAL SAMPLE:

414316073562000 POUGHKEEPSIE WTP-HUDSON RIVER HUDSON RIVER

DATE	TOTAL NITRITE PLUS NITRATE IN BOT. MAT. (MG/KG)	TOTAL AMMONIA NITROGEN IN BOTTOM MAT. (MG/KG)	TOTAL KJEL. NITROGEN IN BOTTOM MAT. (MG/KG)	TOTAL PHOSPHORUS IN BOTTOM MATERIAL (MG/KG)	TOTAL ARSENIC IN BOTTOM MATERIAL (UG/G)	TOTAL BORON IN BOTTOM MATERIAL (UG/G)	TOTAL CADMIUM IN BOTTOM MATERIAL (UG/G)	TOTAL CHROMIUM IN BOTTOM MATERIAL (UG/G)	TOTAL COBALT IN BOTTOM MATERIAL (UG/G)	TOTAL COPPER IN BOTTOM MATERIAL (UG/G)
JUL - 1974										
02...	6.9	330	3100	640	3	9	5	99	5	71
SEP										
09...	2.5	133	2300	397	11	--	3	89	9	43

DATE	TOTAL IRON IN BOTTOM MATERIAL (UG/G)	TOTAL LEAD IN BOTTOM MATERIAL (UG/G)	TOTAL MANGANESE IN BOTTOM MATERIAL (UG/G)	TOTAL MERCURY IN BOTTOM MATERIAL (UG/G)	TOTAL NICKEL IN BOTTOM MATERIAL (UG/G)	TOTAL SELENIUM IN BOTTOM MATERIAL (UG/G)	TOTAL STRONTIUM IN BOTTOM MATERIAL (UG/G)	TOTAL TIN IN BOTTOM MATERIAL (UG/G)	TOTAL ZINC IN BOTTOM MATERIAL (UG/G)	TOTAL CYANIDE IN BOTTOM MATERIAL (UG/G)
JUL - 1974										
02...	25000	100	280	.3	25	0	28	90	280	0
SEP										
09...	17000	100	650	.5	28	0	13	--	215	0

DATE	ORGANIC CARBON IN BOTTOM MATERIAL (G/KG)	INORGANIC CARBON IN BOTTOM MATERIAL (G/KG)	PCB IN BOTTOM MATERIAL (UG/KG)	PCN IN BOTTOM MATERIAL (UG/KG)	ALDRIN IN BOTTOM MATERIAL (UG/KG)	CHLORDANE IN BOTTOM MATERIAL (UG/KG)	DDD IN BOTTOM MATERIAL (UG/KG)	DDE IN BOTTOM MATERIAL (UG/KG)	DDT IN BOTTOM MATERIAL (UG/KG)	DIAZINON IN BOTTOM MATERIAL (UG/KG)	DIELDRIN IN BOTTOM MATERIAL (UG/KG)	ENDRIN IN BOTTOM MATERIAL (UG/KG)	ETHION IN BOTTOM MATERIAL (UG/KG)
JUL - 1974													
02...	16	1.1	11000	0	.0	0	.0	.0	.0	.0	1.9	.0	.0
SEP													
09...	2.6	3.6	3600	--	--	--	--	--	--	.0	.0	.0	.0

DATE	HEPTACHLOR IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM MATERIAL (UG/KG)	LINDANE IN BOTTOM MATERIAL (UG/KG)	MALATHION IN BOTTOM MATERIAL (UG/KG)	METHYL PARATHION IN BOTTOM MATERIAL (UG/KG)	METHYL TRITHION IN BOTTOM MATERIAL (UG/KG)	PARATHION IN BOTTOM MATERIAL (UG/KG)	TOXAPHENE IN BOTTOM MATERIAL (UG/KG)	TRITHION IN BOTTOM MATERIAL (UG/KG)	2,4-D IN BOTTOM MATERIAL (UG/KG)	2,4,5-T IN BOTTOM MATERIAL (UG/KG)	SILVER IN BOTTOM MATERIAL (UG/KG)
JUL - 1974												
02...	.0	.0	.0	.0	.0	.0	.0	0	.0	0	0	0
SEP												
09...	--	.0	--	.0	.0	.0	.0	--	.0	0	0	0

DATE	BED MAT. SIEVE DIAM. % FINER THAN .062 MM	BED MAT. SIEVE DIAM. % FINER THAN .125 MM	BED MAT. SIEVE DIAM. % FINER THAN .250 MM	BED MAT. SIEVE DIAM. % FINER THAN .500 MM	BED MAT. SIEVE DIAM. % FINER THAN 1.00 MM	BED MAT. SIEVE DIAM. % FINER THAN 2.00 MM	BED MAT. SIEVE DIAM. % FINER THAN 4.00 MM	BED MAT. SIEVE DIAM. % FINER THAN 8.00 MM
JUL - 1974								
02...	93	98	99	100	--	--	--	--
SEP								
09...	76	93	95	97	97	98	99	100

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION IV. SYSTEMS FROM WHICH BOTTOM MATERIALS WERE SAMPLED (CONTINUED)

ESSEX COUNTY

NUMBER, NAME, AND SOURCE OF WATER FOR SAMPLING SITE IN SECTION I: SOURCE OF BOTTOM-MATERIAL SAMPLE:

435703074051302 WINEBROOK HILLS INTAKE-HUDSON RIVER HUDSON RIVER

DATE	TOTAL NITRITE PLUS NITRATE IN BOT. MAT. (MG/KG)	TOTAL AMMONIA NITROGEN IN BOTTOM MAT. (MG/KG)	TOTAL KJEL. NITROGEN IN BOTTOM MAT. (MG/KG)	TOTAL PHOSPHORUS IN BOTTOM MATERIAL (MG/KG)	TOTAL ARSENIC IN BOTTOM MATERIAL (UG/G)	TOTAL BORON IN BOTTOM MATERIAL (UG/G)	TOTAL CADMIUM IN BOTTOM MATERIAL (UG/G)	TOTAL CHROMIUM IN BOTTOM MATERIAL (UG/G)	TOTAL COBALT IN BOTTOM MATERIAL (UG/G)	TOTAL COPPER IN BOTTOM MATERIAL (UG/G)
JUL - 1974										
15...	.1	5.0	280	180	1	6	1	<1	5	2

DATE	TOTAL IRON IN BOTTOM MATERIAL (UG/G)	TOTAL LEAD IN BOTTOM MATERIAL (UG/G)	TOTAL MANGANESE IN BOTTOM MATERIAL (UG/G)	TOTAL MERCURY IN BOTTOM MATERIAL (UG/G)	TOTAL NICKEL IN BOTTOM MATERIAL (UG/G)	TOTAL SELENIUM IN BOTTOM MATERIAL (UG/G)	TOTAL STRONTIUM IN BOTTOM MATERIAL (UG/G)	TOTAL TIN IN BOTTOM MATERIAL (UG/G)	TOTAL ZINC IN BOTTOM MATERIAL (UG/G)	TOTAL CYANIDE IN BOTTOM MATERIAL (UG/G)
JUL - 1974										
15...	3500	<10	34	.1	<5	0	7	30	28	0

DATE	ORGANIC CARBON IN BOTTOM MATERIAL (C) (G/KG)	INORGANIC CARBON IN BOTTOM MATERIAL (G/KG)	PCB IN BOTTOM MATERIAL (UG/KG)	PCN IN BOTTOM MATERIAL (UG/KG)	ALDRIN IN BOTTOM MATERIAL (UG/KG)	CHLORDANE IN BOTTOM MATERIAL (UG/KG)	DDD IN BOTTOM MATERIAL (UG/KG)	DDE IN BOTTOM MATERIAL (UG/KG)	DDT IN BOTTOM MATERIAL (UG/KG)	DIAZINON IN BOTTOM MATERIAL (UG/KG)	DIELDRIN IN BOTTOM MATERIAL (UG/KG)	ENDRIN IN BOTTOM MATERIAL (UG/KG)	ETHION IN BOTTOM MATERIAL (UG/KG)
JUL - 1974													
15...	.3	<.1	0	0	.0	0	.0	.0	.0	.0	.0	.0	.0
SEP													
12...	--	--	0	0	.0	0	2.5	1.7	.7	.0	.0	.0	.0

DATE	HEPTACHLOR IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM MATERIAL (UG/KG)	LINDANE IN BOTTOM MATERIAL (UG/KG)	MALATHION IN BOTTOM MATERIAL (UG/KG)	METHYL PARATHION IN BOTTOM MATERIAL (UG/KG)	METHYL TRITHION IN BOTTOM MATERIAL (UG/KG)	PARATHION IN BOTTOM MATERIAL (UG/KG)	TOXAPHENE IN BOTTOM MATERIAL (UG/KG)	TRITHION IN BOTTOM MATERIAL (UG/KG)	2,4-D IN BOTTOM MATERIAL (UG/KG)	2,4,5-T IN BOTTOM MATERIAL (UG/KG)	SILVEX IN BOTTOM MATERIAL (UG/KG)
JUL - 1974												
15...	.0	.0	.0	.0	.0	.0	.0	0	.0	0	0	0
SEP												
12...	.0	.0	.0	.0	.0	.0	.0	0	.0	0	0	0

DATE	BED MAT. SIEVE DIAM. % FINER THAN .062 MM	BED MAT. SIEVE DIAM. % FINER THAN .125 MM	BED MAT. SIEVE DIAM. % FINER THAN .250 MM	BED MAT. SIEVE DIAM. % FINER THAN .500 MM	BED MAT. SIEVE DIAM. % FINER THAN 1.00 MM	BED MAT. SIEVE DIAM. % FINER THAN 2.00 MM	BED MAT. SIEVE DIAM. % FINER THAN 4.00 MM	BED MAT. SIEVE DIAM. % FINER THAN 8.00 MM
JUL - 1974								
15...	6	25	52	72	88	98	100	--
SEP								
12...	9	16	39	71	94	97	99	100

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION IV. SYSTEMS FROM WHICH BOTTOM MATERIALS WERE SAMPLED (CONTINUED)

NEW YORK CITY

NUMBER, NAME, AND SOURCE OF WATER FOR SAMPLING SITE IN SECTION I: SOURCE OF BOTTOM MATERIAL SAMPLE:

404656073575400 NEW YORK CITY(C)-ASHOKAN RESERVOIR ASHOKAN RESERVOIR

DATE	TOTAL NITRITE PLUS NITRATE IN BOT. MAT. (MG/KG)	TOTAL AMMONIA NITROGEN IN BOTTOM MAT. (MG/KG)	TOTAL KJEL. NITROGEN IN BOTTOM MAT. (MG/KG)	TOTAL PHOSPHORUS IN BOTTOM MATERIAL (MG/KG)	TOTAL ARSENIC IN BOTTOM MATERIAL (UG/G)	TOTAL BORON IN BOTTOM MATERIAL (UG/G)	TOTAL CADMIUM IN BOTTOM MATERIAL (UG/G)	TOTAL CHROMIUM IN BOTTOM MATERIAL (UG/G)	TOTAL COBALT IN BOTTOM MATERIAL (UG/G)	TOTAL COPPER IN BOTTOM MATERIAL (UG/G)
JUL - 1974										
17...	2.1	15	1700	140	18	0	1	18	5	23
OCT										
08...	1.0	240	1100	190	18	--	<1	14	4	15

DATE	TOTAL IRON IN BOTTOM MATERIAL (UG/G)	TOTAL LEAD IN BOTTOM MATERIAL (UG/G)	TOTAL MANGANESE IN BOTTOM MATERIAL (UG/G)	TOTAL MERCURY IN BOTTOM MATERIAL (UG/G)	TOTAL NICKEL IN BOTTOM MATERIAL (UG/G)	TOTAL SELENIUM IN BOTTOM MATERIAL (UG/G)	TOTAL STRONTIUM IN BOTTOM MATERIAL (UG/G)	TOTAL TIN IN BOTTOM MATERIAL (UG/G)	TOTAL ZINC IN BOTTOM MATERIAL (UG/G)	TOTAL CYANIDE IN BOTTOM MATERIAL (UG/G)
JUL - 1974										
17...	20000	40	890	.0	20	0	5	50	80	5
OCT										
08...	6000	30	320	.1	14	<1	25	--	24	0

DATE	ORGANIC CARBON IN BOTTOM MATERIAL (G) (G/KG)	IN-ORGANIC CARBON IN BOTTOM MATERIAL (G/KG)	PCB IN BOTTOM MATERIAL (UG/KG)	PCN IN BOTTOM MATERIAL (UG/KG)	ALDRIN IN BOTTOM MATERIAL (UG/KG)	CHLORDANE IN BOTTOM MATERIAL (UG/KG)	DDD IN BOTTOM MATERIAL (UG/KG)	DDE IN BOTTOM MATERIAL (UG/KG)	DDT IN BOTTOM MATERIAL (UG/KG)	DI-AZINON IN BOTTOM MATERIAL (UG/KG)	DI-ELDRIN IN BOTTOM MATERIAL (UG/KG)	ENDRIN IN BOTTOM MATERIAL (UG/KG)	ETHION IN BOTTOM MATERIAL (UG/KG)
JUL - 1974													
17...	14	.1	5	0	.0	0	17	11	9.3	.0	.1	.0	.0
OCT													
08...	4.8	1.7	0	0	.0	0	4.7	7.4	3.3	.0	.0	.0	.0

DATE	HEPTACHLOR IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM MATERIAL (UG/KG)	LINDANE IN BOTTOM MATERIAL (UG/KG)	MALATHION IN BOTTOM MATERIAL (UG/KG)	METHYL PARATHION IN BOTTOM MATERIAL (UG/KG)	METHYL TRITHION IN BOTTOM MATERIAL (UG/KG)	PARATHION IN BOTTOM MATERIAL (UG/KG)	TOKUTHION IN BOTTOM MATERIAL (UG/KG)	TRITHION IN BOTTOM MATERIAL (UG/KG)	2,4-D IN BOTTOM MATERIAL (UG/KG)	2,4,5-T IN BOTTOM MATERIAL (UG/KG)	SILVEX IN BOTTOM MATERIAL (UG/KG)
JUL - 1974												
17...	.0	.0	.0	.0	.0	.0	.0	0	.0	0	0	0
OCT												
08...	.0	.0	.0	.0	.0	.0	.0	0	.0	0	0	0

DATE	RED MAT. SIEVE DIAM. % FINER THAN .062 MM	RED MAT. SIEVE DIAM. % FINER THAN .125 MM	RED MAT. SIEVE DIAM. % FINER THAN .250 MM	RED MAT. SIEVE DIAM. % FINER THAN .500 MM	RED MAT. SIEVE DIAM. % FINER THAN 1.00 MM	RED MAT. SIEVE DIAM. % FINER THAN 2.00 MM
JUL - 1974						
17...	86	89	95	99	99	100
OCT						
08...	89	92	97	99	100	--

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION IV. SYSTEMS FROM WHICH BOTTOM MATERIALS WERE SAMPLED (CONTINUED)

NEW YORK CITY

NUMBER, NAME, AND SOURCE OF WATER FOR SAMPLING SITE IN SECTION I: SOURCE OF BOTTOM-MATERIAL SAMPLE:

413349073573000 NEW YORK CITY(C)CHELSEA-HUDSON RIVER HUDSON RIVER

DATE	TOTAL NITRITE PLUS NITRATE IN BOT. MAT. (MG/KG)	TOTAL AMMONIA NITRO-GEN IN BOTTOM MAT. (MG/KG)	TOTAL KJEL. NITRO-GEN IN BOTTOM MA-TERIAL (MG/KG)	TOTAL PHOS-PHORUS IN BOT-TOM MA-TERIAL (MG/KG)	TOTAL ARSENIC IN BOTTOM MA-TERIAL (UG/G)	TOTAL BORON IN BOTTOM MA-TERIAL (UG/G)	TOTAL CADMIUM IN BOTTOM MA-TERIAL (UG/G)	TOTAL CHRO-MIUM IN BOTTOM MA-TERIAL (UG/G)	TOTAL COBALT IN BOTTOM MA-TERIAL (UG/G)	TOTAL COPPER IN BOTTOM MA-TERIAL (UG/G)
JUL , 1974										
02...	3.3	62	900	170	6	19	3	47	9	34
SEP										
09...	2.0	70	510	334	11	--	2	73	16	93

DATE	TOTAL IRON IN BOTTOM MA-TERIAL (UG/G)	TOTAL LEAD IN BOTTOM MA-TERIAL (UG/G)	TOTAL MANGA-NESE IN BOTTOM MA-TERIAL (UG/G)	TOTAL MERCURY IN BOTTOM MA-TERIAL (UG/G)	TOTAL NICKEL IN BOTTOM MA-TERIAL (UG/G)	TOTAL SELE-NIUM IN BOTTOM MA-TERIAL (UG/G)	TOTAL STRON-TIUM IN BOTTOM MA-TERIAL (UG/G)	TOTAL ZINC IN BOTTOM MA-TERIAL (UG/G)	TOTAL CYANIDE IN BOTTOM MA-TERIAL (UG/G)
JUL , 1974									
02...	24000	60	1100	.2	25	0	15	130	0
SEP									
09...	19000	96	440	.4	25	0	17	783	0

DATE	ORGANIC CARBON IN BOT-TOM MA-TERIAL (C) (G/KG)	IN-ORGANIC CARBON IN BOT-TOM MA-TERIAL (G/KG)	PCB IN BOTTOM MA-TERIAL (UG/KG)	PCN IN BOTTOM MA-TERIAL (UG/KG)	ALDRIN IN BOTTOM MA-TERIAL UG/KG)	CHLOR-DANE IN BOTTOM MA-TERIAL (UG/KG)	DDD IN BOTTOM MA-TERIAL (UG/KG)	DDE IN BOTTOM MA-TERIAL (UG/KG)	DDT IN BOTTOM MA-TERIAL (UG/KG)	DI-AZINON IN BOTTOM MA-TERIAL (UG/KG)	DI-ELDRIN IN BOTTOM MA-TERIAL (UG/KG)	ENDRIN IN BOTTOM MA-TERIAL (UG/KG)	ETHION IN BOTTOM MA-TERIAL (UG/KG)
JUL , 1974													
02...	3.3	.6	3200	0	.0	0	.0	.0	.0	.0	1.1	.0	.0
SEP													
09...	9.8	2.8	1888	--	--	0	10	--	.0	.0	.3	.0	.0

DATE	HEPTA-CHLOR IN BOTTOM MA-TERIAL (UG/KG)	HEPTA-CHLOR EPOXIDE IN BOT-TOM MA-TERIAL (UG/KG)	LINDANE IN BOTTOM MA-TERIAL (UG/KG)	MALA-THION IN BOTTOM MA-TERIAL (UG/KG)	METHYL PARA-THION IN BOT-TOM MA-TERIAL (UG/KG)	METHYL TRI-THION IN BOT-TOM MA-TERIAL (UG/KG)	PARA-THION IN BOTTOM MA-TERIAL (UG/KG)	TOX-APHENE IN BOTTOM MA-TERIAL (UG/KG)	TRI-THION IN BOTTOM MA-TERIAL (UG/KG)	2,4-D IN BOTTOM MA-TERIAL (UG/KG)	2,4,5-T IN BOTTOM MA-TERIAL (UG/KG)	SILVEX IN BOTTOM MA-TERIAL (UG/KG)
JUL , 1974												
02...	.0	.0	.0	.0	.0	.0	.0	0	.0	0	0	0
SEP												
09...	--	.0	--	.0	.0	.0	.0	--	.0	0	0	0

DATE	RED MAT. SIEVE DIAM. % FINER THAN .062 MM	RED MAT. SIEVE DIAM. % FINER THAN .125 MM	RED MAT. SIEVE DIAM. % FINER THAN .250 MM	RED MAT. SIEVE DIAM. % FINER THAN .500 MM	RED MAT. SIEVE DIAM. % FINER THAN 1.00 MM	RED MAT. SIEVE DIAM. % FINER THAN 2.00 MM	RED MAT. SIEVE DIAM. % FINER THAN 4.00 MM	RED MAT. SIEVE DIAM. % FINER THAN 8.00 MM
JUL , 1974								
02...	52	66	77	89	97	99	100	--
SEP								
09...	68	77	84	90	95	97	99	100

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION IV. SYSTEMS FROM WHICH BOTTOM MATERIALS WERE SAMPLED (CONTINUED)

ONEIDA COUNTY

NUMBER, NAME, AND SOURCE OF WATER FOR SAMPLING SITE IN SECTION I: SOURCE OF BOTTOM-MATERIAL SAMPLE:

431839075063800 UTICA(C)-WEST CANADA CREEK WEST CANADA CREEK

DATE	TOTAL NITRITE PLUS NITRATE IN BOT. MAT. (MG/KG)	TOTAL AMMONIA NITROGEN IN BOTTOM MAT. (MG/KG)	TOTAL KJEL. NITROGEN IN BOTTOM MAT. (MG/KG)	TOTAL PHOSPHORUS IN BOTTOM MATERIAL (MG/KG)	TOTAL ARSENIC IN BOTTOM MATERIAL (UG/G)	TOTAL BORON IN BOTTOM MATERIAL (UG/G)	TOTAL CADMIUM IN BOTTOM MATERIAL (UG/G)	TOTAL CHROMIUM IN BOTTOM MATERIAL (UG/G)	TOTAL COBALT IN BOTTOM MATERIAL (UG/G)	TOTAL COPPER IN BOTTOM MATERIAL (UG/G)
JUL . 1974										
09...	.0	11	310	140	1	<1	2	2	<1	2
OCT										
02...	4.0	110	3700	320	6	--	<1	29	11	9

DATE	TOTAL IRON IN BOTTOM MATERIAL (UG/G)	TOTAL LEAD IN BOTTOM MATERIAL (UG/G)	TOTAL MANGANESE IN BOTTOM MATERIAL (UG/G)	TOTAL MERCURY IN BOTTOM MATERIAL (UG/G)	TOTAL NICKEL IN BOTTOM MATERIAL (UG/G)	TOTAL SELENIUM IN BOTTOM MATERIAL (UG/G)	TOTAL STRONTIUM IN BOTTOM MATERIAL (UG/G)	TOTAL TIN IN BOTTOM MATERIAL (UG/G)	TOTAL ZINC IN BOTTOM MATERIAL (UG/G)	TOTAL CYANIDE IN BOTTOM MATERIAL (UG/G)
JUL . 1974										
09...	4900	10	94	.0	<5	0	2	60	27	0
OCT										
02...	26000	38	440	.2	8	<1	9	--	250	0

DATE	ORGANIC CARBON IN BOTTOM MATERIAL (G/KG)	INORGANIC CARBON IN BOTTOM MATERIAL (G/KG)	PCB IN BOTTOM MATERIAL (UG/KG)	PCN IN BOTTOM MATERIAL (UG/KG)	ALDRIN IN BOTTOM MATERIAL (UG/KG)	CHLORDANE IN BOTTOM MATERIAL (UG/KG)	DDD IN BOTTOM MATERIAL (UG/KG)	DDE IN BOTTOM MATERIAL (UG/KG)	DDT IN BOTTOM MATERIAL (UG/KG)	DIAZINON IN BOTTOM MATERIAL (UG/KG)	DIELDRIN IN BOTTOM MATERIAL (UG/KG)	ENDRIN IN BOTTOM MATERIAL (UG/KG)	ETHION IN BOTTOM MATERIAL (UG/KG)
JUL . 1974													
09...	4.1	<.1	0	0	.0	0	.0	.0	.0	.0	.0	.0	.0

DATE	HEPTACHLOR IN BOTTOM MATERIAL (UG/KG)	HEPTACHLOR EPOXIDE IN BOTTOM MATERIAL (UG/KG)	LINDANE IN BOTTOM MATERIAL (UG/KG)	MALATHION IN BOTTOM MATERIAL (UG/KG)	METHYL PARATHION IN BOTTOM MATERIAL (UG/KG)	METHYL TRITHION IN BOTTOM MATERIAL (UG/KG)	PARATHION IN BOTTOM MATERIAL (UG/KG)	TOXAPHENE IN BOTTOM MATERIAL (UG/KG)	TRITHION IN BOTTOM MATERIAL (UG/KG)	2,4-D IN BOTTOM MATERIAL (UG/KG)	2,4,5-T IN BOTTOM MATERIAL (UG/KG)	SILVEX IN BOTTOM MATERIAL (UG/KG)
JUL . 1974												
09...	.0	.0	.0	.0	.0	.0	.0	0	.0	0	0	0

DATE	BED MAT, SIEVE DIAM, % FINER THAN .062 MM	BED MAT, SIEVE DIAM, % FINER THAN .125 MM	BED MAT, SIEVE DIAM, % FINER THAN .250 MM	BED MAT, SIEVE DIAM, % FINER THAN .500 MM	BED MAT, SIEVE DIAM, % FINER THAN 1.00 MM	BED MAT, SIEVE DIAM, % FINER THAN 2.00 MM	BED MAT, SIEVE DIAM, % FINER THAN 4.00 MM	BED MAT, SIEVE DIAM, % FINER THAN 8.00 MM
JUL . 1974								
09...	5	17	36	66	83	98	96	100
OCT								
02...	74	81	93	99	100	--	--	--

TABLE 2.--CHEMICAL ANALYSES OF WATER FROM COMMUNITY SYSTEMS IN NEW YORK, NOVEMBER 1970-MAY 1975
SECTION IV. SYSTEMS FROM WHICH BOTTOM MATERIALS WERE SAMPLED (CONTINUED)

SARATOGA COUNTY

NUMBER, NAME, AND SOURCE OF WATER FOR SAMPLING SITE IN SECTION I: SOURCE OF BOTTOM-MATERIAL SAMPLE:

424741073403000 WATERFORD WD-HUDSON RIVER HUDSON RIVER

DATE	TOTAL NITRITE PLUS NITRATE IN BOT. MAT. (MG/KG)	TOTAL AMMONIA NITRO-GEN IN BOTTOM MAT. (MG/KG)	TOTAL KJEL. NITRO-GEN IN BOTTOM MAT. (MG/KG)	TOTAL PHOS-PHORUS IN BOT-TOM MA-TERIAL (MG/KG)	TOTAL ARSENIC IN BOTTOM MA-TERIAL (UG/G)	TOTAL BORON IN BOTTOM MA-TERIAL (UG/G)	TOTAL CADMIUM IN BOTTOM MA-TERIAL (UG/G)	TOTAL CHRO-MIUM IN BOTTOM MA-TERIAL (UG/G)	TOTAL COBALT IN BOTTOM MA-TERIAL (UG/G)	TOTAL COPPER IN BOTTOM MA-TERIAL (UG/G)
JUL . 1974										
18...	.4	23	530	110	7	9	5	36	5	47
SEP										
12...	5.0	38	800	110	5	--	1	35	4	35

DATE	TOTAL IRON IN BOTTOM MA-TERIAL (UG/G)	TOTAL LEAD IN BOTTOM MA-TERIAL (UG/G)	TOTAL MANGA-NESE IN BOTTOM MA-TERIAL (UG/G)	TOTAL MERCURY IN BOTTOM MA-TERIAL (UG/G)	TOTAL NICKEL IN BOTTOM MA-TERIAL (UG/G)	TOTAL SELE-NIUM IN BOTTOM MA-TERIAL (UG/G)	TOTAL STRON-TIUM IN BOTTOM MA-TERIAL (UG/G)	TOTAL TIN IN BOTTOM MA-TERIAL (UG/G)	TOTAL ZINC IN BOTTOM MA-TERIAL (UG/G)	TOTAL CYANIDE IN BOTTOM MA-TERIAL (UG/G)
JUL . 1974										
18...	14000	310	320	.0	15	0	6	50	130	0
SEP										
12...	6700	42	180	.5	9	<1	5	--	124	0

DATE	ORGANIC CARBON IN BOT-TOM MA-TERIAL (G/KG)	IN-ORGANIC CARBON IN BOT-TOM MA-TERIAL (G/KG)	PCB IN BOTTOM MA-TERIAL (UG/KG)	PCN IN BOTTOM MA-TERIAL (UG/KG)	DDT IN BOTTOM MA-TERIAL (UG/KG)	DI-AZINON IN BOTTOM MA-TERIAL (UG/KG)	DI-ELDRIN IN BOTTOM MA-TERIAL (UG/KG)	ENDRIN IN BOTTOM MA-TERIAL (UG/KG)	ETHION IN BOTTOM MA-TERIAL (UG/KG)	HEPTA-CHLOR EPOXIDE IN BOT-TOM MA-TERIAL (UG/KG)
JUL . 1974										
18...	11	1.1	13000	0	.0	.0	.0	.0	.0	.0
SEP										
12...	.3	2.4	640	0	--	.0	.0	.0	.0	.0

DATE	MALA-THION IN BOTTOM MA-TERIAL (UG/KG)	METHYL PARA-THION IN BOT-TOM MA-TERIAL (UG/KG)	METHYL TRI-THION IN BOT-TOM MA-TERIAL (UG/KG)	PARA-THION IN BOTTOM MA-TERIAL (UG/KG)	TRI-THION IN BOTTOM MA-TERIAL (UG/KG)	2,4-D IN BOTTOM MA-TERIAL (UG/KG)	2,4,5-T IN BOTTOM MA-TERIAL (UG/KG)	SILVEX IN BOTTOM MA-TERIAL (UG/KG)
JUL . 1974								
18...	.0	.0	.0	.0	.0	0	0	0
SEP								
12...	.0	.0	.0	.0	.0	0	0	0

DATE	BED MAT. SIEVE DIAM. % FINER THAN .062 MM	BED MAT. SIEVE DIAM. % FINER THAN .125 MM	BED MAT. SIEVE DIAM. % FINER THAN .250 MM	BED MAT. SIEVE DIAM. % FINER THAN .500 MM	BED MAT. SIEVE DIAM. % FINER THAN 1.00 MM	BED MAT. SIEVE DIAM. % FINER THAN 2.00 MM	BED MAT. SIEVE DIAM. % FINER THAN 4.00 MM	BED MAT. SIEVE DIAM. % FINER THAN 8.00 MM
JUL . 1974								
18...	12	31	56	85	98	100	--	--
SEP								
12...	42	46	53	65	75	85	95	100

Table 3.--Latitude-longitude numbers used in this report and equivalent system (or site) numbers used in the four previous reports in this series.

Sites for New York City systems are listed as "New York City" rather than by county.

In the column "Number used in previous reports," the decimal point used in the original series has been omitted. Suffix R, T, or D has been added to indicate type of water sampled, raw, treated, or distribution.

Definitions of system (or site) and source abbreviations are given in table 2, p. 10.

TABLE 3.--LATITUDE-LONGITUDE NUMBERS USED IN THIS REPORT AND EQUIVALENT SYSTEM (OR SITE) NUMBERS USED IN THE FOUR PREVIOUS REPORTS IN THIS SERIES (CONTINUED)

COUNTY	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	NUMBER USED IN PREVIOUS REPORTS	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
ALBANY	423303073520900	00050W	ALBANY(C)-ALCOVE RESERVOIR
ALBANY	423429073453100	00058D	ALBANY(C)-ALCOVE RESERVOIR
ALBANY	424228074013200	00150R	ALTAMONT(V)-ALTAMONT RESERVOIRS
ALBANY	424228074013201	00150T	ALTAMONT(V)-ALTAMONT RESERVOIRS
ALBANY	423708073572400	00880R	BETHLEHEM WD #1-VLY CREEK RESERVOIR
ALBANY	423708073572401	00880T	BETHLEHEM WD #1-VLY CREEK RESERVOIR
ALBANY	423908073564000	00880D	BETHLEHEM WD #1-VLY CREEK RESERVOIR
ALBANY	424657073422600	02810R	COHOES(C)-MOHAWK RIVER
ALBANY	424657073422601	02810T	COHOES(C)-MOHAWK RIVER
ALBANY	424421073413401	05470W	GREEN ISLAND(V)-WELLS
ALBANY	424421073413400	05470T	GREEN ISLAND(V)-WELLS
ALBANY	424125073532200	05680D	GUILDERLAND WD-WELL
ALBANY	424724073470100	07220R	LATHAM WD-MOHAWK RIVER
ALBANY	424724073470101	07220T	LATHAM WD-MOHAWK RIVER
ALBANY	424057073503000	07820R	MCKOWNVILLE WD-MCKOWNVILLE RESERVOIR
ALBANY	424057073503001	07820T	MCKOWNVILLE WD-MCKOWNVILLE RESERVOIR
ALBANY	422809073491400	11450R	RAVENA(V)-MANHACROIS CREEK
ALBANY	422809073491401	11450T	RAVENA(V)-MANHACROIS CREEK
ALBANY	423059074082900	11580R	RENSSELAERVILLE(U)-RENSSELAERVILLE RESERVOIR
ALBANY	423057074081900	11580T	RENSSELAERVILLE(U)-RENSSELAERVILLE RESERVOIR
ALBANY	423057074082000	11580D	RENSSELAERVILLE(U)-RENSSELAERVILLE RESERVOIR
ALBANY	423311073510200	00960D	SOUTH ALBANY WATER COMPANY-WELL
ALBANY	423908073554200	14230D	VOORHEESVILLE(V)-WELLS&SPRINGS
ALBANY	424339073435800	14670R	WATERVLIET(C)-RESERVOIR&NORMANS KILL
ALBANY	424339073435801	14670T	WATERVLIET(C)-RESERVOIR&NORMANS KILL
ALBANY	424130073521300	16990D	WESTMERE WD-WELLS
ALLEGANY	421508077471500	00110D	ALFRED(V)-WELL
ALLEGANY	421900077443900	00140D	ALMOND(V)-WELL
ALLEGANY	420927077474600	00260D	ANDOVER(V)-WELL
ALLEGANY	421823078010600	00270D	ANGELICA(V)-SPRINGS
ALLEGANY	422031078063101	00760R	BELFAST WD-WELL
ALLEGANY	422031078063100	00760T	BELFAST WD-WELL
ALLEGANY	421402078021301	00810R	BELMONT(V)-WELL
ALLEGANY	421402078021300	00810T	BELMONT(V)-WELL
ALLEGANY	420353078100500	01100D	BOLIVAR(V)-WELL
ALLEGANY	422741077464400	01880D	CANASERAGA(V)-WELL AND SPRINGS
ALLEGANY	421314078165802	03280R	CUBA(V)-WELLS&SPRINGS
ALLEGANY	421314078165800	03280T	CUBA(V)-WELLS&SPRINGS
ALLEGANY	422747078065101	04430R	FILLMORE(V)-SPRINGS&WELLS
ALLEGANY	422747078065100	04430T	FILLMORE(V)-SPRINGS&WELLS
ALLEGANY	421235078075000	04760D	FRIENDSHIP(V)-WELL
ALLEGANY	422515078093400	06130D	HOUGHTON WD-WELL
ALLEGANY	421016077584000	12450D	SCIO WD-WELL
ALLEGANY	420705077565100	14960R	WELLSVILLE(V)-GENESEE RIVER
ALLEGANY	420705077565101	14960T	WELLSVILLE(V)-GENESEE RIVER
BROOME	420600075534000	00950R	BINGHAMTON(C)-SUSQUEHANNA RIVER
BROOME	420600075534001	00950T	BINGHAMTON(C)-SUSQUEHANNA RIVER
BROOME	421200076050001	99650R	BROOME COUNTY AIRPORT-MAINE-WELLS
BROOME	421010075522400	02360D	CHENANGO WD #1-WELL
BROOME	420200075490001	02920R	CONKLIN WD #1-WELL #3
BROOME	420540075264900	03450R	DEPOSIT(V)-BIG HOLLOW BROOK
BROOME	420540075264901	03450T	DEPOSIT(V)-BIG HOLLOW BROOK
BROOME	420542076031301	04180R	ENDICOTT(V)-WELLS
BROOME	420542076031300	04180T	ENDICOTT(V)-WELLS
BROOME	420915075531300	06188D	HILLCREST WD-WELLS
BROOME	420647075584200	06850D	JOHNSON CITY(V)-WELLS
BROOME	421123075481401	16590R	PENNVIEW-WELL
BROOME	420521076021800	14120D	VESTAL WD #1-WELLS
BROOME	420551076005300	16380D	VESTAL WD #4-WELLS
BROOME	421945075575900	15310D	WHITNEY POINT(V)-WELL
CATTARAUGUS	420528078294500	00120D	ALLEGANY(V)-WELL
CATTARAUGUS	421944078520500	02140D	CATTARAUGUS(V)-SPRINGS&WELLS
CATTARAUGUS	422924078284900	03410D	DELEVAN(V)-SPRINGS
CATTARAUGUS	421015078570500	03960D	EAST RANDOLPH(V)-WELL
CATTARAUGUS	421635078401400	04130D	ELLICOTTVILLE(V)-WELL
CATTARAUGUS	422016078272600	04740D	FRANKLINVILLE(V)-WELLS
CATTARAUGUS	422719078560300	05200R	GOWANDA(V)-POINT PETER BROOK
CATTARAUGUS	422719078560301	05200T	GOWANDA(V)-POINT PETER BROOK
CATTARAUGUS	422719078561501	05201R	GOWANDA(V)-WELL #1
CATTARAUGUS	422719078561500	05201T	GOWANDA(V)-WELL #1
CATTARAUGUS	421005078231500	06250D	HINSDALE WD-WELL
CATTARAUGUS	420135078374500	07430D	LIMESTONE(V)-WELL
CATTARAUGUS	421424078491100	07470R	LITTLE VALLEY(V)-WELLS
CATTARAUGUS	421424078491101	07470T	LITTLE VALLEY(V)-WELLS
CATTARAUGUS	422510078294100	07860D	MACHIAS(U)-SPRINGS
CATTARAUGUS	420550078255200	09880R	OLEAN(C)-OLEAN CREEK
CATTARAUGUS	420550078255201	09880T	OLEAN(C)-OLEAN CREEK
CATTARAUGUS	422122078495200	10180D	OTTO(T)-SPRINGS
CATTARAUGUS	420219078202500	11680D	PORTVILLE(V)-WELL

TABLE 3.--LATITUDE-LONGITUDE NUMBERS USED IN THIS REPORT AND EQUIVALENT SYSTEM (OR SITE) NUMBERS USED IN THE FOUR PREVIOUS REPORTS IN THIS SERIES (CONTINUED)

COUNTY	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	NUMBER USED IN PREVIOUS REPORTS	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
CATTARAUGUS	420913078583000	11420D	RANDOLPH(V)-WELL
CATTARAUGUS	420922078425800	12110D	SALAMANCA(C)-NEWTON RUN
CATTARAUGUS	422143079030500	12940D	SOUTH DAYTON(V)-WELL
CATTARAUGUS	422424078364300	15210D	WEST VALLEY-SPRING
CAYUGA	425508076325900	00410R	AUBURN(C)-OWASCO LAKE OUTLET
CAYUGA	425508076325901	00410T	AUBURN(C)-OWASCO LAKE OUTLET
CAYUGA	424439076420001	00430R	AURORA(V)-WELLS
CAYUGA	424439076420000	00430T	AURORA(V)-WELLS
CAYUGA	431100076340001	02120R	CATO(V)-WELL
CAYUGA	425447076343300	02150R	CAYUGA(V)-CAYUGA LAKE
CAYUGA	425447076343301	02150T	CAYUGA(V)-CAYUGA LAKE
CAYUGA	431859076420800	04300D	FAIRHAVEN(V)-SPRINGS
CAYUGA	424000076320000	17070D	GENOA AND KING FERRY WD-WELL
CAYUGA	423945076255000	07530D	LOCKE WD-WELL
CAYUGA	424244076252000	08660D	MORAVIA(V)-SPRINGS
CAYUGA	425118076290200	10200R	OWASCO WD #1&2-OWASCO LAKE
CAYUGA	425118076290201	10200T	OWASCO WD #1&2-OWASCO LAKE
CAYUGA	425026076413501	13900R	UNION SPRINGS(V)-WELL
CAYUGA	425026076413500	13900D	UNION SPRINGS(V)-WELL
CAYUGA	430400076330001	14910R	WEEDSPORT(V)-SPRINGS
CHAUTAUQUA	422320079263100	01310D	BROCTON(V)-SLIPPERY ROCK CREEK
CHAUTAUQUA	422033079194000	02050D	CASSADAGA(V)-WELL
CHAUTAUQUA	421243079280200	00810R	CHAUTAUQUA INSTITUTE-CHAUTAUQUA LAKE
CHAUTAUQUA	421243079280201	00810T	CHAUTAUQUA INSTITUTE-CHAUTAUQUA LAKE
CHAUTAUQUA	421742079060000	02440D	CHERRY CREEK(V)-SPRINGS
CHAUTAUQUA	422912079203300	03680R	DUNKIRK (C)-LAKE ERIE
CHAUTAUQUA	422912079203301	03680T	DUNKIRK (C)-LAKE ERIE
CHAUTAUQUA	422818079103000	04600D	FORESTVILLE(V)-SPRINGS
CHAUTAUQUA	422358079183300	04750R	FREDONIA(V)-CANADAWAY CREEK
CHAUTAUQUA	422358079183301	04750T	FREDONIA(V)-CANADAWAY CREEK
CHAUTAUQUA	420317079092700	04780D	FREWSBURG WD-WELLS
CHAUTAUQUA	420546079142200	06760D	JAMESTOWN(C)-WELLS
CHAUTAUQUA	420612079192900	07180D	LAKEWOOD(V)-WELLS
CHAUTAUQUA	421510079301301	08190R	MAYVILLE(V)-WELLS
CHAUTAUQUA	421510079301300	08190D	MAYVILLE(V)-WELLS
CHAUTAUQUA	421601079424000	11660D	RIPLEY WD-PALMER GULF
CHAUTAUQUA	420938079354500	12620D	SHERMAN(V)-WELL
CHAUTAUQUA	423237079095700	12700D	SILVER CREEK(V)-SILVER CREEK
CHAUTAUQUA	421549079153400	12720D	SINCLAIRVILLE(V)-SPRINGS
CHAUTAUQUA	421750079342300	15040R	WESTFIELD(V)-CHAUTAUQUA CREEK
CHAUTAUQUA	421750079342301	15060T	WESTFIELD(V)-CHAUTAUQUA CREEK
CHEMUNG	420453076491902	04141R	ELMIRA(C)-CHEMUNG RIVER
CHEMUNG	420453076491903	04141T	ELMIRA(C)-CHEMUNG RIVER
CHEMUNG	420603076500700	04140R	ELMIRA(C)-HOFFMAN CREEK RESERVOIR
CHEMUNG	420603076500701	04140T	ELMIRA(C)-HOFFMAN CREEK RESERVOIR
CHEMUNG	420645076481401	04142R	ELMIRA(C)-SULLIVAN STREET WELLS
CHEMUNG	420715076554200	00920D	HARRIS HILL MANOR-WELL
CHEMUNG	421000076491600	06320D	HORSEHEADS(V)-WELLS
CHEMUNG	421031076513900	00930D	PINE CIRCLE WATER SUPPLY-WELLS
CHEMUNG	420857076433900	14950D	WELLSBURG(V)-WELL
CHEMUNG	420900076470001	09780R	WESTINGHOUSE CORP-HORSEHEADS-FIVE WELLS
CHENANGO	421342075313700	00830D	AFTON(V)-SPRING
CHENANGO	421725075285300	00500R	BAINBRIDGE(V)-YALEVILLE CREEK
CHENANGO	421725075285301	00500T	BAINBRIDGE(V)-YALEVILLE CREEK
CHENANGO	421946075461500	05450D	GREENE DISTRIBUTION SYSTEM - WELLS
CHENANGO	422417075292400	05610D	GUILFORD WATER COMPANY-GUILFORD LAKE
CHENANGO	423725075105700	08990D	NEW BERLIN(V)-WELL AND SPRINGS
CHENANGO	423213075304300	09730R	NORWICH(C)-CHENANGO LAKE
CHENANGO	423213075304301	09730T	NORWICH(C)-CHENANGO LAKE
CHENANGO	422634075354900	10240D	OXFORD(V)-WELL
CHENANGO	424049075274700	12610R	SHERBURNE(V)-MAD BROOK
CHENANGO	424049075274701	12610T	SHERBURNE(V)-MAD BROOK
CLINTON	445322073243001	97000R	AYERST LABORATORIES-CHAZY-WELL
CLINTON	445322073243000	97000T	AYERST LABORATORIES-CHAZY-WELL
CLINTON	442708073411300	00970R	BLACK BROOK WD #1-PALMER BROOK
CLINTON	442708073411301	00970T	BLACK BROOK WD #1-PALMER BROOK
CLINTON	442728073443200	00980D	BLACK BROOK WD #2-GROUND WATER
CLINTON	445911073265500	02270D	CHAMPLAIN(V)-GREAT CHAZY RIVER
CLINTON	444310073432000	03320D	CLINTON PRISON-CHAZY LAKE
CLINTON	444308073431400	03310D	DANNEMORA(V)-CHAZY LAKE
CLINTON	444536073251500	00750R	HOBBS SUBDIVISION-LAKE CHAMPLAIN
CLINTON	444347073543000	07720D	LYON MOUNTAIN WD-NEWDAN BROOK
CLINTON	444115073332500	12430D	MORRISONVILLE WD-RILEY BROOK
CLINTON	443335073360900	10520R	PERU WD-LITTLE AUSABLE RIVER
CLINTON	443335073360901	10520T	PERU WD-LITTLE AUSABLE RIVER

TABLE 3.--LATITUDE-LONGITUDE NUMBERS USED IN THIS REPORT AND EQUIVALENT SYSTEM (OR SITE) NUMBERS USED IN THE FOUR PREVIOUS REPORTS IN THIS SERIES (CONTINUED)

COUNTY	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	NUMBER USED IN PREVIOUS REPORTS	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
CLINTON	444142073300400	10750R	PLATTSBURGH(C)-WEST&MEADE RESERVOIRS
CLINTON	444142073300401	10750T	PLATTSBURGH(C)-WEST&MEADE RESERVOIRS
CLINTON	443627073483000	11510D	REDFORD WD-MUD POND
CLINTON	444319073244900	10790D	ROCKY POINT COMMUNITY-LAKE CHAMPLAIN
CLINTON	445940073213100	11960R	ROUSES POINT(V)-LAKE CHAMPLAIN
CLINTON	445940073213101	11960T	ROUSES POINT(V)-LAKE CHAMPLAIN
CLINTON	444125073570400	13190D	STANDISH WD-STANDISH BROOK
COLUMBIA	422136073262001	02300R	CHATHAM(V)-WELLS
COLUMBIA	422136073262000	02300T	CHATHAM(V)-WELLS
COLUMBIA	421515073480300	05490D	GREENPORT WD #1-WELLS
COLUMBIA	421428073464400	06340R	HUDSON(C)-CHURCHTOWN RESERVOIR
COLUMBIA	421428073464401	06340T	HUDSON(C)-CHURCHTOWN RESERVOIR
COLUMBIA	422343073415900	06990D	KINDERHOOK(V)-WELLS
COLUMBIA	421459073391100	10660D	PHILMONT(V)-FOREST LAKE
COLUMBIA	421706073443101	13280R	STOCKPORT WD#1-WELLS
COLUMBIA	421706073443100	13280T	STOCKPORT WD#1-WELLS
COLUMBIA	421910073450700	16860D	STOCKPORT WD#2-WELLS
COLUMBIA	422452073403300	13990D	VALATIE(V)-WELLS
CORTLAND	423230075535600	02600L	CINCINNATUS WD-SPRING AND WELL
CORTLAND	423556076105200	03080D	CORTLAND(C)-WELLS
CORTLAND	423422076123700	03160D	CORTLANDVILLE WD #1-WELL
CORTLAND	423035076112200	06260D	HOMER(V)-TWO WELLS
CORTLAND	422625076020600	08070D	MARATHON(V)-SPRINGS
CORTLAND	423500076050001	07800R	MCGRAW(V)-WELL
CORTLAND	423500076050000	07800T	MCGRAW(V)-WELL
DELAWARE	421123074470600	00250D	ANDES(T)-SPRING
DELAWARE	420852074365000	00360D	ARKVILLE WD-RESERVOIR
DELAWARE	422000074482900	01060D	BLOOMVILLE-SPRING
DELAWARE	421543074471200	01140D	BOVINA CENTER(U)-COULTER BROOK
DELAWARE	421223074581800	03390D	DELANCY WATER COMPANY-RESERVOIR
DELAWARE	421731074555400	03420R	DELHI(V)-STEEL BROOK
DELAWARE	421731074555401	03420T	DELHI(V)-STEEL BROOK
DELAWARE	420438074595500	03630D	DOWNSVILLE WD-SPRINGS
DELAWARE	422144074294600	05250D	GRAND GORGE WATER DISTRICT-TWO WELLS
DELAWARE	421224074360700	05650D	HALCOTTVILLE WATER COMPANY-BIG HOLLOW CREEK
DELAWARE	415717075170100	05820D	HANCOCK(V)-BEAR BROOK RESERVOIR
DELAWARE	422217074401300	06210D	HOBART WATER COMPANY-TOWN BROOK
DELAWARE	421651075240500	12680D	SIDNEY(V)-PECKHAM & COLLAR BROOKS
DELAWARE	421730075152400	12690D	SIDNEY CENTER-WILLOW BROOK
DELAWARE	422536074371000	13180R	STAMFORD(V)-TRAVIS POND
DELAWARE	422536074371001	13180T	STAMFORD(V)-TRAVIS POND
DELAWARE	421007075041301	14340R	WALTON WATER CO-CURRY WELL
DELAWARE	421007075041300	14340T	WALTON WATER CO-CURRY WELL
DUTCHESS	415057073332900	00170D	AMENIA WD-WELLS
DUTCHESS	420042073525300	00240D	ANNADALL WATER COMPANY-WELL
DUTCHESS	413656073535400	00250D	ATLAS WATER COMPANY-WELL
DUTCHESS	412946073565400	00680R	BEACON(C)-DRY BROOK
DUTCHESS	412946073565401	00680T	BEACON(C)-DRY BROOK
DUTCHESS	413232073575400	00020R	CASTLE POINT VA HOSPITAL-HUDSON RIVER
DUTCHESS	413232073575401	00020T	CASTLE POINT VA HOSPITAL-HUDSON RIVER
DUTCHESS	413811073543700	00170D	COUNTRY CLUB ESTATES-WELL
DUTCHESS	413458073512401	00600R	DUTCHESS HEIGHTS-WELL
DUTCHESS	413458073512400	00600T	DUTCHESS HEIGHTS-WELL
DUTCHESS	413239073525000	00440D	DUTCHESS PARK-WELL
DUTCHESS	413205073540200	00460D	FISHKILL(V)-WELLS
DUTCHESS	414536073514001	00400R	GREENFIELD WATER COMPANY-WELLS
DUTCHESS	414536073514000	00400T	GREENFIELD WATER COMPANY-WELLS
DUTCHESS	414612073541100	00520D	HARBOURD HILLS-WELL
DUTCHESS	413831073515700	00410D	HAVEN HILLS GARDENS DIST SYST-WELLS
DUTCHESS	413541073520000	00420D	HILLTOP WATER CORPORATION-WELL
DUTCHESS	413346073474000	03800D	HOPEWELL GARDENS-WELL
DUTCHESS	413202073573300	00490D	HUDSON VIEW APARTMENTS WATER CORP-WELLS
DUTCHESS	414730073555600	00430R	HYDE PARK FIRE & WATER DIST-CRUM ELBOW CREEK
DUTCHESS	414730073555601	00430T	HYDE PARK FIRE & WATER DIST-CRUM ELBOW CREEK
DUTCHESS	414729073555700	00430D	HYDE PARK FIRE & WATER DIST-CRUM ELBOW CREEK
DUTCHESS	413900073455400	07110D	LAGRANGE CLUB ESTATES-WELLS
DUTCHESS	413708073514200	00360D	MAYIN WATER COMPANY-WELL
DUTCHESS	414707073413100	08300D	MILLBROOK(V)-GROUND WATER
DUTCHESS	415711073302300	08310D	MILLERTON(V)-WELLS
DUTCHESS	413438073344100	00410D	PAWLINS(V)-SURFACE WATER
DUTCHESS	415809073394300	00680R	PINE PLAINS WATER COMPANY-WELL
DUTCHESS	414316073562000	01050R	POUGHKEEPSIE WTP-HUDSON RIVER
DUTCHESS	414316073562001	01050T	POUGHKEEPSIE WTP-HUDSON RIVER
DUTCHESS	415942073523500	01520D	RED HOOK(V)-WELLS
DUTCHESS	415538073565200	01590R	RHINEBECK(V)-HUDSON RIVER
DUTCHESS	415538073565201	01590T	RHINEBECK(V)-HUDSON RIVER
DUTCHESS	413449073513500	00490D	ROCKINGHAM FARMS WATER SYSTEMS-WELL

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DUTCHESS	413709073480200	18340D	SOMERSET WATER SYSTEM #2-WELLS
DUTCHESS	413852073555200	11160D	SOUTH GATES WD-WELL
DUTCHESS	415033073555300	13170D	STAATSBURG(U)-WELLS
DUTCHESS	420332073564000	13690D	TIVOLI(V)-WELL
DUTCHESS	413629073551401	14460R	WAPPINGERS FALLS(V)-WELLS
DUTCHESS	413629073551400	14460T	WAPPINGERS FALLS(V)-WELLS
DUTCHESS	413420073501800	03810D	WONLEY HOMES-WELL
ERIE	425210078212200	00040R	AKRON(V)-MURDEN CREEK RESERVOIR
ERIE	425210078212201	00040T	AKRON(V)-MURDEN CREEK RESERVOIR
ERIE	425415078293901	00080R	ALDEN(V)-WELL
ERIE	425415078293900	00080T	ALDEN(V)-WELL
ERIE	423925079034400	00280R	ANGOLA(V)-LAKE ERIE
ERIE	423925079034401	00280T	ANGOLA(V)-LAKE ERIE
ERIE	425342078535800	01630R	BUFFALO(C)-LAKE ERIE
ERIE	425342078535801	01630T	BUFFALO(C)-LAKE ERIE
ERIE	423403078283900	02260D	CHAFFEE WATERWORKS COMPANY-WELL
ERIE	422946078552800	02450D	COLLINS WD #1-WELL
ERIE	423002078555900	15930D	COLLINS WD #2-WELL
ERIE	422938078510400	02860D	COLLINS WD #3-WELLS
ERIE	422946079494200	17440D	COLLINS WD #3-WELLS
ERIE	424644078362701	03720R	EAST AURORA(V)-WELL #7
ERIE	424644078362700	03720T	EAST AURORA(V)-WELL #7
ERIE	424123079020801	04200R	ERIE COUNTY WA STURGEON PT PLANT-LAKE ERIE
ERIE	424123079020800	04200T	ERIE COUNTY WA STURGEON PT PLANT-LAKE ERIE
ERIE	424759078505800	04210R	ERIE COUNTY WA WOODLAWN PLANT-LAKE ERIE
ERIE	424759078505801	04210T	ERIE COUNTY WA WOODLAWN PLANT-LAKE ERIE
ERIE	425814078564100	05260D	GRAND ISLAND WD #1-NIAGARA RIVER
ERIE	425814078580100	05270R	GRAND ISLAND WD #2-NIAGARA RIVER(WEST BRANCH)
ERIE	425814078580101	05270T	GRAND ISLAND WD #2-NIAGARA RIVER(WEST BRANCH)
ERIE	424246078435600	05680R	HAMBURG(V)-EIGHTEENMILE CREEK
ERIE	424246078435601	05680T	HAMBURG(V)-EIGHTEENMILE CREEK
ERIE	423824078500700	06230D	HOLLAND WD-WELLS
ERIE	423210078555400	07260D	LAWTONS(U)-WELL
ERIE	423540078563900	09540D	NORTH COLLINS(V)-WELLS
ERIE	424135078403330	10020R	ORCHARD PARK(V)-NORTH BRANCH PIPE BROOK
ERIE	424135078403301	10020T	ORCHARD PARK(V)-NORTH BRANCH PIPE BROOK
ERIE	423031078400000	13150D	SPRINGVILLE(V)-WELLS
ERIE	430109078531602	13700R	TONAWANDA(C)-EAST BRANCH NIAGARA RIVER
ERIE	430109078531601	13700T	TONAWANDA(C)-EAST BRANCH NIAGARA RIVER
ERIE	425[illegible]1078553500	13710D	TONAWANDA WD-NIAGARA RIVER
ERIE	424452078540300	14360R	WANAKAH WATER CO-LAKE ERIE
ERIE	424452078540301	14360T	WANAKAH WATER CO-LAKE ERIE
ESSEX	443128073274200	00450D	AUSABLE CHASM COMPANY-SPRINGS
ESSEX	442431074051900	01030D	BLOOMINGDALE (V)-SUMNER BROOK AND WELL
ESSEX	435655073255000	03270D	CROWN POINT WD-WELL AND SPRINGS
ESSEX	441245073360000	04090D	ELIZABETHTOWN(V)-SPRINGS
ESSEX	441713073211000	16960D	ESSEX CRATER CLUB-LAKE CHAMPLAIN
ESSEX	441830073211000	04240D	ESSEX WATER COMPANY-LAKE CHAMPLAIN
ESSEX	435246073271600	16740D	GLEN WATERWORKS COMPANY-SPRINGFED STREAM
ESSEX	435330073233000	90030R	IPC PLANT TICONDEROGA-LAKE CHAMPLAIN
ESSEX	435330073233001	90030T	IPC PLANT TICONDEROGA-LAKE CHAMPLAIN
ESSEX	442232073433700	06780D	JAY WD-ROCKY BRANCH BROOK
ESSEX	441132073471700	06910D	KEENE WD #2-SLIDE BROOK
ESSEX	443011073285500	06920D	KEESEVILLE(V)-BUTTERNUT POND
ESSEX	441634073545000	07150D	LAKE PLACID(V)-LAKE PLACID
ESSEX	441637073335600	07330D	LEWIS WT SPRING COMPANY-SPRUCE MILL BROOK
ESSEX	434732073591200	08420D	MINERVA WD-SPRING AND WELL
ESSEX	440340073303200	08670D	MORIAH WD #1-BARTLETT POND
ESSEX	440340073300200	08680D	MORIAH WD #2-ROE POND
ESSEX	440303073270800	10930R	PORT HENRY(V)-BARTLETT BROOK
ESSEX	440303073270801	10930T	PORT HENRY(V)-BARTLETT BROOK
ESSEX	434857073462100	12420D	SCHROON LAKE WD-HORSESHOE POND
ESSEX	435056073252300	13660D	TICONDEROGA(V)-GOOSE NECK POND
ESSEX	441008073251400	15150D	WESTPORT(V)-PECK AND BOOLER SPRINGS
ESSEX	442339073233700	15370R	WILLSBORO WD #2-LAKE CHAMPLAIN
ESSEX	442339073233701	15370T	WILLSBORO WD #2-LAKE CHAMPLAIN
ESSEX	442339073233702	15370D	WILLSBORO WD #2-LAKE CHAMPLAIN
ESSEX	442320073444500	15390D	WILMINGTON WD-WHITE BROOK
ESSEX	435703074051302	17051R	WINEBROOK MILLS INTAKE-HUDSON RIVER
ESSEX	435703074051301	17051T	WINEBROOK MILLS INTAKE-HUDSON RIVER
ESSEX	435703074051300	17050D	WINEBROOK MILLS-SPRINGFED POND
FRANKLIN	444843074235300	00570D	BANGOR WATER CORPORATION-SPRING
FRANKLIN	445127074020300	01160D	BRAINARDSVILLE(U)-SPRINGS
FRANKLIN	444948074304500	01610D	BRUSHTON(V)-SPRING
FRANKLIN	445416074101000	01640D	BURKE WATER COMPANY-SPRINGS AND WELL
FRANKLIN	445537074044201	02290R	CHATEAUGAY(V)-SPRINGS
FRANKLIN	444759074000200	00780D	CHATEAUGAY NARROWS(U)-SPRING
FRANKLIN	444844074234500	00580D	CO-OPERATIVE WATER COMPANY-SPRING
FRANKLIN	445922074294500	04620D	FORT COVINGTON(V)-WELL

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FRANKLIN	443307074032400	16930D	LOON LAKE (U)-SPRINGFED RESERVOIR
FRANKLIN	445043074172300	07890D	MALONE(V)-SPRINGS
FRANKLIN	445040074262000	09500D	NORTH BANGOR WATER COMPANY-SPRINGS
FRANKLIN	442018074081700	12260D	SARANAC LAKE(V)-MCKENZIE POND
FRANKLIN	441709074192300	16940D	SARANAC SHORES-UPPER SARANAC LAKE
FRANKLIN	444024074324100	12100D	ST REGIS FALLS WD-CLEAR POND
FRANKLIN	441153074280900	13790R	TUPPER LAKE(V)-RESERVOIR
FRANKLIN	441153074280901	13790T	TUPPER LAKE(V)-RESERVOIR
FULTON	430311074115600	01290D	BROADALBIN(V)-WELLS
FULTON	430538074194600	05150R	GLOVERSVILLE(C)-RESERVOIR
FULTON	430538074194601	05150T	GLOVERSVILLE(C)-RESERVOIR
FULTON	430024074221300	06860D	JOHNSTOWN(C)-FOUR RESERVOIRS
FULTON	430443074202600	06880D	KINGSBORO WATER COMPANY-SPRINGFED RESERVOIRS
FULTON	430601074162900	08180D	MAYFIELD(V)-WELLS
FULTON	431240074113700	09720D	NORTHVILLE(V)-HUNTER CK&NORTHVILLE RESERVOIR
FULTON	431240074113701	09480D	SACANDAGA PARK WATER WORKS INC-RESERVOIR
GENESEE	425859078104400	00601R	BATAVIA(C)-TONAWANDA CREEK
GENESEE	425859078104401	00601T	BATAVIA(C)-TONAWANDA CREEK
GENESEE	425859078104402	00600R	BATAVIA(C)-WELLS
GENESEE	425859078104403	00600T	BATAVIA(C)-WELLS
GENESEE	430506077563301	00840R	BERGEN(V)-WELL
GENESEE	430506077563300	00840D	BERGEN(V)-WELL
GENESEE	425748078242501	03020R	CORFU(V)-WELL
GENESEE	425748078242500	03020T	CORFU(V)-WELL
GENESEE	430414078110001	04070R	ELBA(V)-WELL
GENESEE	430414078110000	04070T	ELBA(V)-WELL
GENESEE	425341077583500	07310R	LEROY(V)-MAD & LITTLE BEARD CREEKS
GENESEE	425341077583501	07310T	LEROY(V)-MAD & LITTLE BEARD CREEKS
GENESEE	430331078161301	09780R	OAKFIELD(V)-WELLS
GENESEE	430331078161300	09780T	OAKFIELD(V)-WELLS
GENESEE	425300078010001	10400R	PAVILION WD #1-WELL #3
GREENE	421538073403200	00390D	ATHENS(V)-HOLLISTER LAKE
GREENE	421759074000500	01670D	CAIRO WATER CO-IMPOUNDING RESERVOIR
GREENE	421950073544901	02130R	CATSKILL(V)-POTIC CREEK RESERVOIR
GREENE	421950073544900	02130T	CATSKILL(V)-POTIC CREEK RESERVOIR
GREENE	422154073513500	03190R	COXSACKIE(V)-CLIMAX RESERVOIR
GREENE	422154073513501	03190T	COXSACKIE(V)-CLIMAX RESERVOIR
GREENE	421729074130200	06060D	HENDERSONVILLE WATER COMPANY-RESERVOIR
GREENE	421229074123700	06380D	HUNTER WATER COMPANY-SHANTY HOLLOW RESERVOIR
GREENE	421845074255000	11240D	PRATTSVILLE WD-HUNTERSFIELD STREAM
GREENE	421145074090500	13500D	TANNERSVILLE WATER CO-ALLEN BROOK RESERVOIR
GREENE	421830074145700	15420D	WINDHAM-SPRINGFED RESERVOIR
HAMILTON	434675074155400	06550D	INDIAN LAKE WD-WELLS
HAMILTON	432943074212200	13100D	SPECULATOR(V)-LAKE PLEASANT
HAMILTON	432308074172600	14930D	WELLS WD-ELBOW CREEK RESERVOIR
HERKIMER	430610074461700	03600D	DOLGEVILLE(V)-ALBERT SULASH RESERVOIR
HERKIMER	430214075041300	04650D	FRANKFORT(V)-MOYER CREEK
HERKIMER	430140074591800	06070D	HERKIMER(V)-MILL CREEK
HERKIMER	425937075031000	06540R	ILION(V)-ILION RESERVOIR #2
HERKIMER	425937075031001	06540T	ILION(V)-ILION RESERVOIR #2
HERKIMER	430330074520400	07460R	LITTLE FALLS(C)-CANDOR RESERVOIR
HERKIMER	430330074520401	07460T	LITTLE FALLS(C)-CANDOR RESERVOIR
HERKIMER	430818074580800	08280D	MIDDLEVILLE(V)-RESERVOIR
HERKIMER	430039075062200	08440D	MOHAWK(V)-WELL
HERKIMER	431111075005000	09220D	NEWPORT(V)-SPRINGS
HERKIMER	434242074581400	09850D	OLD FORGE WD-INDEPENDENCE LAKE
HERKIMER	431343075032700	10820D	POLAND(V)-RESERVOIR
HERKIMER	425300074470001	14060R	VAN HORNESVILLE(U)-SPRINGS
HERKIMER	425306075115900	15220D	WEST WINFIELD(V)-WELLS
JEFFERSON	434834076012900	00010D	ADAMS(V)-SPRINGS
JEFFERSON	442015075551700	00100R	ALEXANDRIA BAY(V)-ST LAWRENCE RIVER
JEFFERSON	442015075551701	00100T	ALEXANDRIA BAY(V)-ST LAWRENCE RIVER
JEFFERSON	441155075362500	00290D	ANTWERP(V)-WELLS
JEFFERSON	440017075491500	00990D	BLACK RIVER(V)-SPRINGS
JEFFERSON	440009075590200	01580D	BROWNVILLE(V)-WELLS
JEFFERSON	440748076195500	01850R	CAPE VINCENT(V)-ST LAWRENCE RIVER
JEFFERSON	440748076195501	01850T	CAPE VINCENT(V)-ST LAWRENCE RIVER
JEFFERSON	435944075363400	02840D	CARTHAGE(V)-PINE CREEK
JEFFERSON	440401076074700	17830D	CHAUMONT(V)-CHAUMONT BAY
JEFFERSON	441420076063000	02690D	CLAYTON(V)-ST LAWRENCE RIVER
JEFFERSON	440222075400500	03380D	DEFERIET(V)-WELLS
JEFFERSON	440040076022101	03530R	DEXTER(V)-WELL
JEFFERSON	440040076022100	03530T	DEXTER(V)-WELL

TABLE 3.--LATITUDE-LONGITUDE NUMBERS USED IN THIS REPORT AND EQUIVALENT SYSTEM (OR SITE) NUMBERS USED IN THE FOUR PREVIOUS REPORTS IN THIS SERIES (CONTINUED)

COUNTY	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	NUMBER USED IN PREVIOUS REPORTS	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
JEFFERSON	440523075486400	04260D	EVANS MILLS(V)-WEST CREEK
JEFFERSON	440929075422100	10560D	PHILADELPHIA(V)-SPRINGFED RESERVOIR
JEFFERSON	435700076072800	12058R	SACKETTS HARBOR(V)-LAKE ONTARIO
JEFFERSON	435700076072801	12058T	SACKETTS HARBOR(V)-LAKE ONTARIO
JEFFERSON	441257075475900	13540D	THERESA(V)-WELLS
JEFFERSON	441714076014500	13640D	THOUSAND ISLAND PARK-ST LAWRENCE RIVER
JEFFERSON	435903075514300	14640W	WATERTOWN(C)-BLACK RIVER
JEFFERSON	435903075514301	14640T	WATERTOWN(C)-BLACK RIVER
JEFFERSON	435803075372600	15020D	WEST CARTHAGE(V)-PLEASANT LAKE
LEWIS	435304075233601	00690D	BEAVER FALLS WD-SPRINGFED RESERVOIR
LEWIS	433706075182300	07740D	BURROUGHS PAPER COMPANY-SPRINGS
LEWIS	435324075304200	02100D	CASTORLAND(V)-SPRING&WELL
LEWIS	433359075254300	02930D	CONSTABLEVILLE(V)-SPRINGFED RESERVOIR
LEWIS	435325075403900	02990R	COPENHAGEN(V)-DEER RIVER
LEWIS	435325075403901	02990T	COPENHAGEN(V)-DEER RIVER
LEWIS	435304075233600	03210D	CROGHAN(V)-SPRINGS & SANDY CREEK
LEWIS	434234075241200	05030D	GLENFIELD WD-SPRINGS
LEWIS	434046075211700	05560D	GREIG WD-TANNERY BROOK
LEWIS	440854075145900	05900D	HARRISVILLE(V)-SOUTH CREEK
LEWIS	431713075293400	07660D	LOWVILLE(V)-CREEK BROOK&YOUNGS POND
LEWIS	433700075210300	07750D	LYONS FALLS(V)-BEAUTY CREEK RESERVOIR
LEWIS	434417075290801	08130D	MARTINSBURG WD-PITCHER GULF STREAM
LEWIS	433502075283400	10090D	PORT LEYDEN(V)-PORT LEYDEN RESERVOIR
LEWIS	433740075244300	13900D	TURIN(V)-MILL CREEK
LIVINGSTON	425437077444800	00480D	AVON(V)-CONESUS LAKE
LIVINGSTON	425824077511900	01680D	CALEDONIA(V)-WELL
LIVINGSTON	425334077414500	03330D	DANSVILLE(V)-LITTLE MILL CREEK
LIVINGSTON	424741077431800	04920R	GENESEO(V)-CONESUS LAKE
LIVINGSTON	424741077431801	04920T	GENESEO(V)-CONESUS LAKE
LIVINGSTON	423943077460400	17060D	GROVELAND STATION-SPRING
LIVINGSTON	425007077420700	07170D	LAKEVILLE WD-CONESUS LAKE
LIVINGSTON	425420077363500	07420D	LIMA(V)-WELL
LIVINGSTON	424818077353800	07500R	LIVONIA (V)-RESERVOIR
LIVINGSTON	424818077353801	07500T	LIVONIA (V)-RESERVOIR
LIVINGSTON	424313077530300	08750R	MOUNT MORRIS(V)-SILVER LAKE
LIVINGSTON	424313077530301	08750T	MOUNT MORRIS(V)-SILVER LAKE
LIVINGSTON	423357077564801	09750R	NUNDA(V)-SPRINGS
LIVINGSTON	423357077564800	09750T	NUNDA(V)-SPRINGS
LIVINGSTON	423815077354700	13160D	SPRINGWATER WATER COMPANY-SPRINGS
MADISON	430520075453301	01810R	CANASTOTA(V)-WELLS
MADISON	430520075453300	01910T	CANASTOTA(V)-WELLS
MADISON	425526075505601	02180R	CAZENOVIA(V)-WELL #1
MADISON	425526075505600	02180T	CAZENOVIA(V)-WELL #1
MADISON	430329075521601	02570R	CHITTENANGO(V)-WELL #4
MADISON	430329075521600	02570T	CHITTENANGO(V)-WELL #4
MADISON	424525075531400	03470D	DE RUYTER(V)-WELLS
MADISON	424428075323500	03710D	EARLVILLE(V)-TWO SPRINGFED RESERVOIRS
MADISON	424608075441700	04960D	GEORGETOWN WD-SPRINGS AND WELLS
MADISON	424905075324100	05770D	HAMILTON(V)-WOODMANS POND
MADISON	425355075304700	07470D	MADISON(V)-WELL
MADISON	425358075382401	08710R	MORRISVILLE(V)-SURFACE WATER
MADISON	425358075382400	08710T	MORRISVILLE(V)-SURFACE WATER
MADISON	425331075384101	17500R	MORRISVILLE AG & TECH-WELLS
MADISON	425331075384100	17500T	MORRISVILLE AG & TECH-WELLS
MADISON	425823075352301	08860R	MUNNSVILLE(V)-WELLS
MADISON	425823075352300	08860T	MUNNSVILLE(V)-WELLS
MADISON	430551075390600	09900D	ONEIDA(C)-FLORENCE CREEK
MONROE	432124077552200	01300R	BROCKPORT(V)-LAKE ONTARIO
MONROE	432124077552201	01300T	BROCKPORT(V)-LAKE ONTARIO
MONROE	430617077530700	02580D	CHURCHVILLE(V)-WELL
MONROE	430617077292701	03970R	EAST ROCHESTER(V)-WELLS
MONROE	430617077292700	03970T	EAST ROCHESTER(V)-WELLS
MONROE	430331077252100	04310R	FAIRPORT(V)-SUCKER&GREENE BROOKS
MONROE	430331077262101	04310T	FAIRPORT(V)-SUCKER&GREENE BROOKS
MONROE	432022077473000	06190R	HILTON(V)-LAKE ONTARIO
MONROE	432022077473001	06190T	HILTON(V)-LAKE ONTARIO
MONROE	431607077385301	08560R	MONROE COUNTY WATER AUTHORITY-LAKE ONTARIO
MONROE	431607077385300	08560T	MONROE COUNTY WATER AUTHORITY-LAKE ONTARIO
MONROE	430214077541401	41200R	ONTARIO THRUWAY SERVICE AREA-WELLS
MONROE	430214077541400	41200T	ONTARIO THRUWAY SERVICE AREA-WELLS
MONROE	430526077291401	10690R	PITTSFORD(V)-WELLS
MONROE	430526077291400	10690T	PITTSFORD(V)-WELLS
MONROE	425944077384700	11700D	ROCHESTER(C)-HEMLOCK LAKE
MONROE	431129077480500	13110D	SPENCERPORT(V)-SPRINGS&WELLS
MONROE	430717077485001	02550R	SPRING BANK HEIGHTS PARK-WELL
MONROE	431243077254801	14750R	WEBSTER(V)-WELLS
MONROE	431243077254800	14750D	WEBSTER(V)-WELLS

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MONTGOMERY	430749074045100	00210R	AMSTERDAM(C)-STEELE&MANNS CREEKS RESERVOIRS
MONTGOMERY	430745074045800	00210T	AMSTERDAM(C)-STEELE&MANNS CREEKS RESERVOIRS
MONTGOMERY	425615074112900	00210D	AMSTERDAM(C)-STEELE&MANNS CREEKS RESERVOIRS
MONTGOMERY	425534074341300	01750R	CANAJOHARIE(V)-SPRITE CREEK
MONTGOMERY	425534074341301	01750T	CANAJOHARIE(V)-SPRITE CREEK
MONTGOMERY	425715074224302	04560D	FONDA(V)-BRIGGS RUN&SAND FLATS RESERVOIR
MONTGOMERY	425555074372500	04644D	FORT PLAIN(V)-NORTH CREEK
MONTGOMERY	425600074380001	04641R	FORT PLAIN(V)-WELL SYSTEM
MONTGOMERY	425715074224301	04820R	FULTONVILLE(V)-WELLS
MONTGOMERY	425715074224300	04820T	FULTONVILLE(V)-WELLS
MONTGOMERY	425549074330801	10280R	PALATINE BRIDGE(V)-WELLS
MONTGOMERY	425549074330800	10280T	PALATINE BRIDGE(V)-WELLS
MONTGOMERY	425323074050301	15520R	PATTERSONVILLE THRUWAY SERVICE AREA-WELL #1
MONTGOMERY	425323074050300	15520T	PATTERSONVILLE THRUWAY SERVICE AREA-WELL #1
MONTGOMERY	425956074404300	12090D	ST JOHNSVILLE(V)-YAUNEY RESERVOIR
NASSAU	404613073383200	00060D	ALBERTSON WD-WELLS
NASSAU	405930073345400	00670D	BAYVILLE(V)-WELLS
NASSAU	404336073280600	00910D	BETHPAGE WD-WELLS
NASSAU	404500073392700	18040D	BOWLING GREEN WD-WELLS
NASSAU	404525073362600	01870R	CARLE PLACE WD-WELL N6315
NASSAU	404525073362601	01870T	CARLE PLACE WD-WELL N6315
NASSAU	404637073441100	09560R	CITIZENS WATER SUPPLY CO-WELL #21A
NASSAU	404243073315800	03930R	EAST MEADOW WD-WELL N5321
NASSAU	404243073315801	03930T	EAST MEADOW WD-WELL N5321
NASSAU	404410073271000	04380R	FARMINGDALE(V)-WELLS
NASSAU	404239073403700	04730D	FRANKLIN SQUARE WD-WELLS
NASSAU	403952073342600	04770R	FREEPORT(V)-WELLS
NASSAU	403952073342601	04770T	FREEPORT(V)-WELLS
NASSAU	404406073370700	04840R	GARDEN CITY(V)-WELL N3934
NASSAU	404406073370701	04840T	GARDEN CITY(V)-WELL N3934
NASSAU	404502073402400	04860D	GARDEN CITY PARK WD-WELL #5
NASSAU	405203073375300	05010D	GLEN COVE(C)-WELLS
NASSAU	404149073373100	06030R	HEMPSTEAD(V)-WELL N8264
NASSAU	404149073373101	06030T	HEMPSTEAD(V)-WELL N8264
NASSAU	404209073383200	15110D	HEMPSTEAD GARDEN WD-WELLS
NASSAU	404521073310200	06140R	HICKSVILLE WD-WELL N6193
NASSAU	404427073414900	06750R	JAMAICA WATER SUPPLY CO-WELL #16
NASSAU	404930073382000	06840R	JERICHO WD-WELL #1
NASSAU	404930073382001	06840T	JERICHO WD-WELL #1
NASSAU	404805073303000	06841R	JERICHO WD-WELL #8
NASSAU	404805073303001	06841T	JERICHO WD-WELL #8
NASSAU	404338073304700	07320R	LEVITTOWN WD-WELL N3194
NASSAU	404338073304701	07320T	LEVITTOWN WD-WELL N3194
NASSAU	403532073353400	06040R	LIDO POINT LOOKOUT WD-WELL #2
NASSAU	403532073353401	06040T	LIDO POINT LOOKOUT WD-WELL #2
NASSAU	405123073350700	07580D	LOCUST VALLEY WD-WELLS
NASSAU	403537073394800	07590R	LONG BEACH(C)-WELL #16
NASSAU	403537073394801	07590T	LONG BEACH(C)-WELL #16
NASSAU	403253073423900	07610R	LONG ISLAND WATER CORP-WELL FIELD #5
NASSAU	403253073423901	07610T	LONG ISLAND WATER CORP-WELL FIELD #5
NASSAU	404624073435700	08000D	MANHASSET-LAKEVILLE WD-WELLS
NASSAU	404123073285000	08140R	MASSAPEQUA WD-WELL N6443
NASSAU	404123073285001	08140T	MASSAPEQUA WD-WELL N6443
NASSAU	405353073331700	08320D	MILL NECK ESTATES ASSOCIATION-WELLS
NASSAU	404448073375300	08410D	MINEOLA(V)-WELLS
NASSAU	404050073294800	09370D	NY WATER SER CORP MERRICK DIV-DEMONTT #2 WELL
NASSAU	404045073311600	09371R	NY WATER SER CORP MERRICK DIV-OLD MILL WELL
NASSAU	404045073311601	09371T	NY WATER SER CORP MERRICK DIV-OLD MILL WELL
NASSAU	404732073352400	09860D	OLD WESTBURY(V)-WELL #3
NASSAU	405232073323500	10250D	OYSTER BAY WD-WELL #1
NASSAU	404650073291100	10710R	PLAINVIEW WD-WELL N6076
NASSAU	404650073291101	10710T	PLAINVIEW WD-WELL N6076
NASSAU	404838073415100	10720D	PLANDOME(V)-WELLS
NASSAU	405037073412800	11020D	PORT WASHINGTON(V)-WELLS
NASSAU	403929073391900	11720R	ROCKVILLE CENTRE(V)-WELL V5194
NASSAU	403929073391901	11720T	ROCKVILLE CENTRE(V)-WELL V5194
NASSAU	404712073372300	11920D	ROSLYN WD-WELLS
NASSAU	405108073430100	12190D	SANDS POINT(V)-WELL #2
NASSAU	404957073375000	12500D	SEA CLIFF(V)-WELLS
NASSAU	404214073290201	12970R	SOUTH FARMINGDALE-WELL
NASSAU	404214073290200	12970T	SOUTH FARMINGDALE-WELL
NASSAU	404206073344800	13880R	UNIONDALE WD-WELL N4759
NASSAU	404206073344801	13880T	UNIONDALE WD-WELL N4759
NASSAU	404537073333500	15010R	WESTBURY WD-WELL
NASSAU	404537073333501	15010T	WESTBURY WD-WELL
NASSAU	404525073373800	15350D	WILLISTON PARK(V)-WELLS
NEW YORK CITY	404227073452000	09340D	JAMAICA WATER SUPPLY COMPANY-WELLS
NEW YORK CITY	404133073490100	09341D	JAMAICA WATER SUPPLY COMPANY-WELLS
NEW YORK CITY	413349073573000	09367R	NEW YORK CITY(C)CHELSEA-HUDSON RIVER

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NEW YORK CITY	404656073575400	09364R	NEW YORK CITY(C)-ASHOKEN RESERVOIR
NEW YORK CITY	404656073575401	09364D	NEW YORK CITY(C)-ASHOKEN RESERVOIR
NEW YORK CITY	405330073510200	09361D	NEW YORK CITY(C)-BRONX SHAFT 3A
NEW YORK CITY	405443073524700	09362D	NEW YORK CITY(C)-BRONX VAN CORTLANDT PARK
NEW YORK CITY	420346075222900	09366R	NEW YORK CITY(C)-CANNONSVILLE RESERVOIR
NEW YORK CITY	405244073532400	09360D	NEW YORK CITY(C)-GROTON GATE HOUSE #7
NEW YORK CITY	411332073513201	09365R	NEW YORK CITY(C)-NEW CROTON RESERVOIR
NEW YORK CITY	414759074215700	09363R	NEW YORK CITY(C)-HONDOUT RESERVOIR
NEW YORK CITY	403706074042001	09368T	NYC DIST SYST-STATEN ISLAND PUMP STATION
NEW YORK CITY	404308073510001	09359R	UTILITIES&INDUSTRIES CORP WOODHAVEN PL-WELLS
NIAGARA	430918078421000	07560R	LOCKPORT(C)-NIAGARA RIVER(EAST BRANCH)
NIAGARA	430918078421001	07560T	LOCKPORT(C)-NIAGARA RIVER(EAST BRANCH)
NIAGARA	430426078561300	09400R	NIAGARA COUNTY WD-NIAGARA RIVER
NIAGARA	430426078561301	09400T	NIAGARA COUNTY WD-NIAGARA RIVER
NIAGARA	430434079001000	09410R	NIAGARA FALLS(C)-NIAGARA RIVER(WEST BRANCH)
NIAGARA	430434079001001	09410T	NIAGARA FALLS(C)-NIAGARA RIVER(WEST BRANCH)
NIAGARA	430134078531100	09710R	NORTH TONAWANDA(V)-NIAGARA RIVER(EAST BRANCH)
NIAGARA	430134078531101	09710T	NORTH TONAWANDA(V)-NIAGARA RIVER(EAST BRANCH)
ONEIDA	432805075190500	01120D	BOONVILLE(V)-BLACK RIVER
ONEIDA	432005075445800	01720D	CAMDEN(V)-EMMONS BROOK
ONEIDA	425834075145400	02700D	CLAYVILLE WATERWORKS INC-WELLS
ONEIDA	430259075224501	02750R	CLINTON(V)-SPRINGFED POND & MILLER BROOK RES
ONEIDA	430259075224500	02750D	CLINTON(V)-SPRINGFED POND & MILLER BROOK RES
ONEIDA	430216075245501	02751R	CLINTON(V)-WELLS
ONEIDA	425937075254400	03360D	DEANSBORO WATER COMPANY-SPRINGFED RESERVOIRS
ONEIDA	432638075121400	04590D	FORESTPORT WD-CRYSTAL CREEK
ONEIDA	431432075152500	06240D	HOLLAND PATENT(V)-BEAVER CREEK
ONEIDA	425616075275300	10090D	ORISKANY FALLS(V)-RESERVOIR
ONEIDA	431929075112100	11560D	REMSEN(V)-SPRINGS
ONEIDA	431245075272400	11760D	ROME(C)-FISH CREEK
ONEIDA	430019075151700	12310D	SAUQUOIT WD-WELLS
ONEIDA	431157075434600	13450D	SYLVAN BEACH(J)-SYLVAN BEACH RESERVOIR
ONEIDA	431839075063800	13980R	UTICA(C)-WEST CANADA CREEK
ONEIDA	431839075063801	13980T	UTICA(C)-WEST CANADA CREEK
ONEIDA	425550075224300	14660D	WATERVILLE(V)-BROOKS
ONEIDA	430706075241900	15140D	WESTMORELAND WATER DISTRICT-TWO WELLS
ONONDAGA	430953076214401	00530R	BALDWINSVILLE(V)-WELL
ONONDAGA	430953076214400	00530T	BALDWINSVILLE(V)-WELL
ONONDAGA	425933075581801	14760R	EAGLE HILL-WELL SYSTEM
ONONDAGA	430355076044800	04080D	EAST SYRACUSE(V)-WRIGHT BROOK RESERVOIR
ONONDAGA	430355076044801	04480R	FAYETTEVILLE(V)-SPRINGS&WELLS
ONONDAGA	430145076003700	04480D	FAYETTEVILLE(V)-SPRINGS&WELLS
ONONDAGA	425859076041900	06770R	JAMESVILLE WD-COYE RESERVOIR
ONONDAGA	425934076041700	06770D	JAMESVILLE WD-COYE RESERVOIR
ONONDAGA	425800076030001	06771R	JAMESVILLE WD-SPRINGS
ONONDAGA	430005075584100	08010D	MANLIUS(V)-SPRINGS&WELLS
ONONDAGA	430005075584101	08011R	MANLIUS(V)-THOMPSON WELL
ONONDAGA	425900076203500	08090D	MARCELLUS(V)-ROCKWELL SPRINGS
ONONDAGA	431106076135700	16700D	METROPOLITAN WATER BOARD-LAKE ONTARIO
ONONDAGA	425416076184900	16710R	ONONDAGA COUNTY WA-OTISCO LAKE
ONONDAGA	425418076184600	16710D	ONONDAGA COUNTY WA-OTISCO LAKE
ONONDAGA	425641076255202	09970R	ONONDAGA COUNTY WA-SKANEATELES LAKE
ONONDAGA	425641076255201	09970T	ONONDAGA COUNTY WA-SKANEATELES LAKE
ONONDAGA	425643076255300	12730D	SKANEATELES(V)-SKANEATELES LAKE
ONONDAGA	425900076070001	18820R	SOUTHWOOD*JAMESVILLE-WELLS
ONONDAGA	425641076255200	13460R	SYRACUSE(C)-SKANEATELES LAKE
ONONDAGA	425641076255203	13460T	SYRACUSE(C)-SKANEATELES LAKE
ONONDAGA	424526076063400	13780D	TULLY(V)-WELL
ONTARIO	424915077160300	01760R	CANANDAIGUA(C)-CANANDAIGUA LAKE
ONTARIO	425313077165400	01760D	CANANDAIGUA(C)-CANANDAIGUA LAKE
ONTARIO	425741077082001	02740R	CLIFTON SPRINGS(V)-SPRINGS
ONTARIO	425741077082000	02740D	CLIFTON SPRINGS(V)-SPRINGS
ONTARIO	425400077250001	03740R	EAST BLOOMFIELD(V)-WELL
ONTARIO	424958076583400	04930R	GENEVA(C)-SENECA LAKE
ONTARIO	424958076583401	04930T	GENEVA(C)-SENECA LAKE
ONTARIO	424958076583402	04930D	GENEVA(C)-SENECA LAKE
ONTARIO	424918077153300	17720R	GORHAM-CANANDAIGUA LAKE
ONTARIO	424918077153301	17720T	GORHAM-CANANDAIGUA LAKE
ONTARIO	425417077251500	06220D	HOLCOMB(V)-WELL
ONTARIO	424725077310900	06270D	HONEOYE WD #1-WELLS
ONTARIO	425811077134700	07990D	MANCHESTER(V)-WELL
ONTARIO	423651077241000	08890D	NAPLES(V)-SPRINGS
ONTARIO	425745077043100	10540D	PHELPS(V)-WELL
ONTARIO	424536077133700	12000D	RUSHVILLE(V)-CANANDAIGUA LAKE
ONTARIO	425857077243500	14190D	VICTOR(V)-SPRINGS

TABLE 3.--LATITUDE-LONGITUDE NUMBERS USED IN THIS REPORT AND EQUIVALENT SYSTEM (OR SITE) NUMBERS USED IN THE FOUR PREVIOUS REPORTS IN THIS SERIES (CONTINUED)

COUNTY	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	NUMBER USED IN PREVIOUS REPORTS	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
ORANGE	412640074064600	092980	BEAVER DAM LAKE-WELL
ORANGE	412308074104901	19420R	BLOOMING GROVE WD-WELLS
ORANGE	412308074104900	19420T	BLOOMING GROVE WD-WELLS
ORANGE	412343074105301	01058R	BLOOMING GROVE WD #1-WELLS
ORANGE	412343074105300	01058T	BLOOMING GROVE WD #1-WELLS
ORANGE	410951074152300	17360R	BLUE LAKE-STERLING FOREST LAKE
ORANGE	410951074152301	17360T	BLUE LAKE-STERLING FOREST LAKE
ORANGE	411219074143800	17360D	BLUE LAKE-STERLING FOREST LAKE
ORANGE	412120074164500	024680	CHESTER(V)-WALTON LAKE
ORANGE	412639074011600	038700	CORNWALL(V)-SURFACE WATER
ORANGE	412332074201501	99970R	DAIRYLEA INC*GOSHEN-WELL
ORANGE	413029074122001	99920R	EASTERN ALLOYS*MONTGOMERY-WELL #1
ORANGE	412017074213100	045380	FLORIDA WATERWORKS-GLENMERE LAKE
ORANGE	411146074182400	145300	FOREST KNOLLS-WELL
ORANGE	413525074111001	99980R	GENERAL SLICING MACHINE CO*MONTGOMERY-WELLS
ORANGE	412302074195900	05170R	GOSHEN(V)-PROSPECT LAKE
ORANGE	412302074195901	05170T	GOSHEN(V)-PROSPECT LAKE
ORANGE	412355074182500	051800	GOSHEN WATER DISTRICT NO 1-THREE WELLS
ORANGE	411254074173701	05540R	GREENWOOD LAKE(V)-GROUND WATER
ORANGE	411254074173700	055480	GREENWOOD LAKE(V)-GROUND WATER
ORANGE	411919074003600	06160R	HIGHLAND FALLS(V)-HIGHLAND FALLS BROOK
ORANGE	411919074003601	06160T	HIGHLAND FALLS(V)-HIGHLAND FALLS BROOK
ORANGE	411409074124000	173200	INDIAN KILL-INDIAN KILL RESERVOIR
ORANGE	411713074094500	084980	LAKE SAPPHIRE-WELL
ORANGE	412858074131000	08170D	MAYBROOK(V)-WELLS
ORANGE	412229074105600	01040D	MERRIWOLD WATER COMPANY-WELL
ORANGE	412739074270000	08270R	MIDDLETOWN(C)-HIGHLAND LAKE
ORANGE	412739074270001	08270T	MIDDLETOWN(C)-HIGHLAND LAKE
ORANGE	412015074112000	08458D	MONROE(V)-MOMBASHA LAKE
ORANGE	413130074144501	08590R	MONTGOMERY(V)-WELL
ORANGE	412324074084600	17398D	MOUNTAIN LODGE PARK-GROUND WATER
ORANGE	412904074034001	17140R	NEW WINDSOR WD-WELLS
ORANGE	412904074034000	17140T	NEW WINDSOR WD-WELLS
ORANGE	413321074035200	09140R	NEWBURGH(C)-WASHINGTON LAKE
ORANGE	413321074035201	09140T	NEWBURGH(C)-WASHINGTON LAKE
ORANGE	412952074021600	17110R	NEWBURGH CONSOLIDATED WD-CHADWICK LAKE
ORANGE	412952074021601	17110T	NEWBURGH CONSOLIDATED WD-CHADWICK LAKE
ORANGE	413130074125201	99990R	OMEGA CONCRETE PRODUCTS*MONTGOMERY-WELL
ORANGE	412023074322100	10170D	OTISVILLE(V)-BEAR SWAMP POND
ORANGE	412924074321200	20840R	OTISVILLE TRAINING SCHOOL-BEAR SWAMP POND
ORANGE	412913074315101	20840T	OTISVILLE TRAINING SCHOOL-BEAR SWAMP POND
ORANGE	413633074180500	10660D	PINE BUSH WD-WELLS
ORANGE	412159074410200	10960D	PORT JERVIS(C)-RESERVOIR
ORANGE	412446074040601	99790R	STAR INDUSTRIES*CORNWALL-TWO WELLS
ORANGE	411302074133200	13240D	STERLING FOREST-STERLING LAKE
ORANGE	412214074155500	17170D	SURREY MEADOWS-WELL
ORANGE	411128074123800	13820R	TUXEDO PARK(V)-TUXEDO LAKE
ORANGE	411128074123801	13820T	TUXEDO PARK(V)-TUXEDO LAKE
ORANGE	411807074334400	13910D	UNIONVILLE(V)-WELL
ORANGE	413347074111400	14260D	WALDEN(V)-WELLS
ORANGE	412843074212600	17200D	WALLKILL WD #1-WELLS
ORANGE	411526074213600	14500D	WARWICK(V)-MISTUCK BROOK
ORANGE	412538074100000	14590D	WASHINGTONVILLE(V)-WELL
ORANGE	411233074184700	14580D	WESTSIDE-GREENWOODLAKE WD-GREENWOOD LAKE
ORANGE	411237074173700	14570D	WICKHAM VILLAGE INC-WELL
ORANGE	412058074073200	15449D	WOODBURY WD #1-WELLS
ORLEANS	432205078125500	88878R	ALBION(V)-LAKE ONTARIO
ORLEANS	432205078125501	08878T	ALBION(V)-LAKE ONTARIO
ORLEANS	431325078013300	06258D	HOLLEY(V)-WELLS
ORLEANS	432229078232000	07710R	LYNDONVILLE(V)-LAKE ONTARIO
ORLEANS	432229078232001	07710T	LYNDONVILLE(V)-LAKE ONTARIO
OSWEGO	431712076084100	022580	CENTRAL SQUARE(V)-WELLS
OSWEGO	431358075530900	02710D	CLEVELAND(V)-SPRINGFED RESERVOIR
OSWEGO	431616076234000	04810D	FULTON(C)-WELLS&SPRINGS
OSWEGO	433837076040600	12210D	LACONA JOINT WATERWORKS-RESERVOIR AND WELLS
OSWEGO	432733076134200	08240D	MEXICO(V)-WELLS
OSWEGO	433429075594900	18188D	ORWELL-SPRINGS
OSWEGO	432730076320000	10140R	OSWEGO(C)-LAKE ONTARIO
OSWEGO	432730076320001	10140T	OSWEGO(C)-LAKE ONTARIO
OSWEGO	431354076171600	186280	PHOENIX(V)-KLINE WELL #2
OSWEGO	433404076060800	11270D	PULASKI(V)-SPRINGS
OTSEGO	424750074451800	027450	CHERRY VALLEY-WELL
OTSEGO	424203074554100	029580	COOPERSTOWN(V)-OTSEGO LAKE
OTSEGO	423723074402300	040300	EAST WORCESTER-RESERVOIR
OTSEGO	422818075192800	049900	GILBERTSVILLE(V)-DUNDERHEAD CREEK
OTSEGO	423936075030200	059300	HARTWICK WD-WELL
OTSEGO	423527074564800	083900	MILFORD(V)-GOEY'S POND
OTSEGO	423250075144100	086400	MORRIS(V)-WELL
OTSEGO	422751075031900	09910R	ONEONTA(C)-ONEONTA CREEK
OTSEGO	422751075031901	09910T	ONEONTA(C)-ONEONTA CREEK

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OTSEGO	422358075102200	101600	OTEGO(V)-WELL
OTSEGO	425112074591200	116200	RICHFIELD SPRINGS-ALLEN LAKE
OTSEGO	423257074491400	123900	SCHENEVUS(V)-WELL
OTSEGO	423536074443900	155400	WORCESTER WD-CARYLS LAKE
PUTNAM	412127073462701	018880	BONIVILLE WATER COMPANY-WELL
PUTNAM	412127073462700	018880	BONIVILLE WATER COMPANY-WELL
PUTNAM	412405073360400	011800	BREWSTER(V)-WELLS
PUTNAM	412401073375500	129500	BREWSTER HEIGHTS-MIDDLE BRANCH RESERVOIR
PUTNAM	412451073411700	018900	CARMEL WD #2-LAKE GLENEIDA
PUTNAM	412225073471600	019008	CARMEL WD #3-LAKE SECOR
PUTNAM	412225073471601	019007	CARMEL WD #3-LAKE SECOR
PUTNAM	412802073562600	028200	COLD SPRING(V)-FOUNDRY BROOK
PUTNAM	411954073542000	185700	CONTINENTAL VILLAGE WD-CATSKILL AQUEDUCT
PUTNAM	412622073442600	192000	EDGEWOOD CLUB-CHINA LAKE
PUTNAM	412757073425801	190408	GYPSY TRAIL C.UR-WELLS
PUTNAM	412757073425800	190407	GYPSY TRAIL CLUB-WELLS
PUTNAM	412305073512600	191900	HAL WATER DISTRICT-OSCAWANA LAKE
PUTNAM	412045073455300	019100	LAKE BALDWIN WATER COMPANY-TWO WELLS
PUTNAM	412214073445100	071300	LAKE GARDENS-LAKE MAHOPAC
PUTNAM	412329073444300	019200	LAKE MAHOPAC GARDENS-LAKE MAHOPAC
PUTNAM	412228073433801	01930R	LAKE MAHOPAC RIDGE-LAKE MAHOPAC
PUTNAM	412228073433800	01930T	LAKE MAHOPAC RIDGE-LAKE MAHOPAC
PUTNAM	412223073434200	019300	LAKE MAHOPAC RIDGE-LAKE MAHOPAC
PUTNAM	412333073443200	019400	LAKE MAHOPAC WOODS-LAKE MAHOPAC
PUTNAM	412016073524900	113400	LAKE PEEKSKILL WD-CATSKILL AQUEDUCT
PUTNAM	412217073443600	019500	LAKE VIEW PARK-LAKE MAHOPAC
PUTNAM	412233073450200	019800	MAHOPAC HILLS-LAKE MAHOPAC
PUTNAM	412204073461000	020100	MAHOPAC POINT-LAKE MAHOPAC
PUTNAM	412156073461300	192700	MAHOPAC WATER COMPANY-TWO WELLS
PUTNAM	412308073454600	191700	RED MILLS WATER COMPANY-WELLS
PUTNAM	412644073410400	192900	ROMANOFF LAKE ESTATES-UPPER WELL
PUTNAM	412212073350800	129600	STAR RIDGE MANOR WATER DISTRICT-WELLS
PUTNAM	412504073325800	192200	WILDWOOD HOMES-WELLS
PUTNAM	412309073510801	113708	WILDWOOD KNOLLS-OSCAWANA LAKE
PUTNAM	412309073510800	113707	WILDWOOD KNOLLS-OSCAWANA LAKE
PUTNAM	412309073510802	113700	WILDWOOD KNOLLS-OSCAWANA LAKE
RENSSELAER	424137073222500	008680	BERLIN WD #2-WELLS
RENSSELAER	424546073382100	166800	BRUNSWICK WD #4-TOMHANNOCK RESERVOIR
RENSSELAER	423153073452600	020900	CASTLETON-ON-HUDSON(V)-VLOCKY KILL
RENSSELAER	423706073435900	038400	HAMPTON MANOR HILL WD #4-WELLS
RENSSELAER	425402073210300	063000	HOOSICK FALLS(V)-INFILTRATION WELLS
RENSSELAER	423054073363700	089100	NASSAU(V)-WELLS
RENSSELAER	425351073351100	123500	SCHAGHTICOKE(V)-WELL
RENSSELAER	425203073350000	137508	TROY(C)-TOMHANNOCK RESERVOIR
RENSSELAER	425049073370201	137507	TROY(C)-TOMHANNOCK RESERVOIR
ROCKLAND	410733074100800	061700	HILLBURN(V)-HILLBURN RESERVOIR
ROCKLAND	411259074032600	164808	LETCHWORTH(V)-RESERVOIRS
ROCKLAND	411259074032601	164807	LETCHWORTH(V)-RESERVOIRS
ROCKLAND	410543073573600	097688	NYACK(V)-HACKENSACK RIVER
ROCKLAND	410543073573601	097607	NYACK(V)-HACKENSACK RIVER
ROCKLAND	410930074113400	127600	POTWAT WATER COMPANY-POTAKE POND
ROCKLAND	410621073580100	131208	SPRING VALLEY(V)-LAKE DEFOREST
ROCKLAND	410621073580101	131207	SPRING VALLEY(V)-LAKE DEFOREST
ROCKLAND	411357074000200	131308	SPRING VAL WATER CO STONY PT PL-CEDAR POND BK
ROCKLAND	411357074000201	131307	SPRING VAL WATER CO STONY PT PL-CEDAR POND BK
ROCKLAND	410644074090900	133000	SUFFERN(V)-WELLS
ST. LAWRENCE	443221075054800	018408	CANTON(V)-MCFADDEN BROOK RESERVOIR
ST. LAWRENCE	443221075054801	018407	CANTON(V)-MCFADDEN BROOK RESERVOIR
ST. LAWRENCE	441335074353800	029100	CONIFER(U)-SPRING
ST. LAWRENCE	441930075150000	040600	EDWARDS(V)-WELLS
ST. LAWRENCE	441941075273500	051908	GOUVERNEUR(V)-OSWEGATCHIE RIVER
ST. LAWRENCE	441941075273501	051907	GOUVERNEUR(V)-OSWEGATCHIE RIVER
ST. LAWRENCE	443715075240000	061000	HEUVELTON(V)-WELLS
ST. LAWRENCE	444448075075100	078808	MADRID WD-GRASS RIVER
ST. LAWRENCE	444448075075101	078807	MADRID WD-GRASS RIVER
ST. LAWRENCE	445701074542500	081508	MASSENA(V)-ST LAWRENCE RIVER
ST. LAWRENCE	445701074542501	081507	MASSENA(V)-ST LAWRENCE RIVER
ST. LAWRENCE	443459075394600	087600	MORRISTOWN(V)-ST LAWRENCE RIVER
ST. LAWRENCE	441242074592200	174800	NEWTON FALLS-OSWEGATCHIE RIVER
ST. LAWRENCE	444454075000300	097408	NORWOOD(V)-WELLS
ST. LAWRENCE	444117075301100	098208	OGDENSBURG(V)-ST LAWRENCE RIVER
ST. LAWRENCE	444117075301101	098207	OGDENSBURG(V)-ST LAWRENCE RIVER
ST. LAWRENCE	441356074335200	106300	PIERCEFIELD CO-OP ASSOCIATION-RAQUETTE RIVER
ST. LAWRENCE	444010074591900	110308	POTSDAM(V)-RAQUETTE RIVER
ST. LAWRENCE	444010074591901	110307	POTSDAM(V)-RAQUETTE RIVER
ST. LAWRENCE	440924075030500	132208	STAR LAKE WD-STAR LAKE
ST. LAWRENCE	445358075005600	076500	TUCKER TERRACE WATER COMPANY-SULFUR WELL

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ST. LAWRENCE	445200075115101	14240R	WADDINGTON(V)-WELLS
ST. LAWRENCE	440801074552000	14370D	WANAKENA-OSWEGATCHIE RIVER
SARATOGA	430002073512100	06548D	BALLSTON SPA(V)-SPRING
SARATOGA	425204073445000	19630D	CALICO COLONY-WELLS
SARATOGA	425023073464600	17644D	CLIFTON GARDENS-WELL
SARATOGA	425326073471500	02730D	CLIFTON KNOLLS SUBDIVISION-WELLS
SARATOGA	425030073460000	17008D	COLONIAL GREEN-WELL
SARATOGA	431431073500540	03038D	CORINTH(V)-WELLS
SARATOGA	425100073470000	17540D	COUNTRY KNOLLS ESTATES-WELLS
SARATOGA	424857073470500	17620D	CRESCENT ESTATES-WELL
SARATOGA	430212073503500	17580D	HERITAGE KNOLLS-DEEP WELLS
SARATOGA	425524073432200	08200R	MECHANICVILLE(C)-BAKER & PLUM BROOKS
SARATOGA	425524073432201	08200T	MECHANICVILLE(C)-BAKER & PLUM BROOKS
SARATOGA	431607073394401	17570R	MOREAU WD#2-WELL
SARATOGA	431607073394400	17570T	MOREAU WD#2-WELL
SARATOGA	425613073474200	11950D	ROUND LAKE-ROUND LAKE
SARATOGA	430523073461300	12270R	SARATOGA SPRINGS(C)-LOUGHBERRY LAKE
SARATOGA	430523073461301	12270T	SARATOGA SPRINGS(C)-LOUGHBERRY LAKE
SARATOGA	430628073344400	12440D	SCHUYLERVILLE(V)-SPRINGFED RESERVOIR
SARATOGA	431729073382700	12990D	SOUTH GLENS FALLS(V)-SPRINGS
SARATOGA	425636073381501	13250R	STILLWATER(V)-FOUR DEEP WELLS
SARATOGA	425636073381500	13250T	STILLWATER(V)-FOUR DEEP WELLS
SARATOGA	430516073353600	14200D	VICTORY MILLS(V)-WELL
SARATOGA	424741073403600	14620R	WATERFORD WD-HUDSON RIVER
SARATOGA	424741073403001	14620T	WATERFORD WD-HUDSON RIVER
SCHENECTADY	424433074111300	03400D	DELANSON(V)-DELANSON RESERVOIR
SCHENECTADY	424950073591001	16630R	GLENVILLE WD #11-WELL
SCHENECTADY	424950073591000	16630T	GLENVILLE WD #11-WELL
SCHENECTADY	424745073503401	16600R	NISKAYUNA WATER DISTRICT NO 5-WELLS
SCHENECTADY	424745073503400	16600T	NISKAYUNA WATER DISTRICT NO 5-WELLS
SCHENECTADY	424718073585601	11930R	ROTTERDAM WD #3-WELLS
SCHENECTADY	425725073585700	11940D	ROTTERDAM WD #5-WELLS
SCHENECTADY	424910073591701	12380R	SCHENECTADY(C)-WELLS
SCHENECTADY	424910073591700	12380T	SCHENECTADY(C)-WELLS
SCHENECTADY	424934073575900	12478D	SCOTIA(V)-WELL
SCHENECTADY	424800074000001	15120R	WEST HILL DEVELOPMENT-WELL #3
SCHOHARIE	424235074201900	02230D	CENTRAL BRIDGE WATER COMPANY-RESERVOIR
SCHOHARIE	424001074263500	02780R	COBLESKILL(V)-DOW BROOK RESERVOIR
SCHOHARIE	424001074263501	02780T	COBLESKILL(V)-DOW BROOK RESERVOIR
SCHOHARIE	422855074362900	06810D	JEFFERSON-SPRINGS
SCHOHARIE	423457074174700	08250R	MIDDLEBURG(V)-LITTLE SCHOHARIE CREEK
SCHOHARIE	423519074191600	08250T	MIDDLEBURG(V)-LITTLE SCHOHARIE CREEK
SCHOHARIE	423553074201100	08250D	MIDDLEBURG(V)-LITTLE SCHOHARIE CREEK
SCHOHARIE	423824074320101	11630R	RICHMONDVILLE(V)-RICHMONDVILLE RESERVOIR
SCHOHARIE	423821074342901	11630T	RICHMONDVILLE(V)-RICHMONDVILLE RESERVOIR
SCHOHARIE	423944074184900	12410D	SCHOHARIE(V)-SPRINGS
SCHOHARIE	424519074390800	12598R	SHARON SPRINGS(V)-ENGLEVILLE POND
SCHOHARIE	424519074390801	12598T	SHARON SPRINGS(V)-ENGLEVILLE POND
SCHOHARIE	422243074251600	15030D	WEST CONESVILLE-SPRINGFED RESERVOIR
SCHUYLER	422126076495900	08640R	MONTOUR FALLS(V)-JOHNS CREEK
SCHUYLER	422126076495901	08640T	MONTOUR FALLS(V)-JOHNS CREEK
SCHUYLER	422010076471500	09800D	ODESSA(V)-WELL
SCHUYLER	422328076525000	14680R	WATKINS GLEN(V)-SENECA LAKE
SCHUYLER	422328076525001	14680T	WATKINS GLEN(V)-SENECA LAKE
SENECA	423700076432800	06590D	INTERLAKEN(V)-WELL
SENECA	425702076550601	31098R	JUNIUS PONDS THRUWAY SERVICE AREA-WELLS
SENECA	425702076550600	31098T	JUNIUS PONDS THRUWAY SERVICE AREA-WELLS
SENECA	424034076492200	10198D	OVID(V)-GROUND WATER
SENECA	424505076500700	11778D	ROMULUS-VARICK WD-SENECA LAKE
SENECA	425046076441400	12550R	SENECA FALLS(V)-CAYUGA LAKE
SENECA	425046076441401	12550T	SENECA FALLS(V)-CAYUGA LAKE
SENECA	425405076522900	14630R	WATERLOO(V)-SENECA RIVER
SENECA	425405076522901	14630T	WATERLOO(V)-SENECA RIVER
SENECA	424053076524000	11780D	WILLARD WD-SENECA LAKE
STEUBEN	420615077140401	00820R	ADDISON(V)-WELLS
STEUBEN	420615077140400	00820T	ADDISON(V)-WELLS
STEUBEN	420615077140402	00820D	ADDISON(V)-WELLS
STEUBEN	422340077413200	00350D	ARKPORT(V)-WELL
STEUBEN	422433077250200	00478D	AVOCA(V)-WELL
STEUBEN	422005077190600	00630D	BATH(V)-WELL
STEUBEN	421611077361500	01830D	CANISTEO(V)-WELL
STEUBEN	423002077293600	02790D	COHOCTON(V)-WELL
STEUBEN	420833077031200	03040D	CORNING(C)-WELLS

TABLE 3.--LATITUDE-LONGITUDE NUMBERS USED IN THIS REPORT AND EQUIVALENT SYSTEM (OR SITE) NUMBERS USED IN THE FOUR PREVIOUS REPORTS IN THIS SERIES (CONTINUED)

COUNTY	USGS-ASSIGNED LATITUDE-LONGITUDE NUMBER	NUMBER USED IN PREVIOUS REPORTS	SYSTEM (OR SITE) NAME AND RAW SOURCE OF WATER SAMPLED
STEUBEN	420900077040001	99760R	CORNING GLASS WORKS*CORNING-PRESSWORK WELL
STEUBEN	422427077132500	05880D	HAMMONDSPORT(V)-KEUKA LAKE
STEUBEN	422159077304700	06310R	HORNELL(C)-CANNINGTON CREEK
STEUBEN	422159077304701	06310T	HORNELL(C)-CANNINGTON CREEK
STEUBEN	421000077060001	99750R	INGERSOLL RAND*PAINTED POST-WELLS 1&4
STEUBEN	420942077053000	17810D	PAINTED POST(V)-WELLS
STEUBEN	423120077172000	11230D	PRATTSBURG-WELL
STEUBEN	421400077170001	10750R	THURSTON-WELL
STEUBEN	420239077324900	17800D	TROUPSBURG WATER CO-SPRINGS
STEUBEN	423406077353200	14740D	WAYLAND(V)-WELLS
SUFFOLK	405841072081500	00160D	AMAGANSETT WATER CO-WELL
SUFFOLK	405704072470901	19570R	H ARTHUR THURM-WELL
SUFFOLK	405704072470900	19570D	H ARTHUR THURM-WELL
SUFFOLK	404633073070802	01090R	BOHEMIA(U) PATCHOGUE PLANT-WELL #3
SUFFOLK	404633073070803	01090T	BOHEMIA(U) PATCHOGUE PLANT-WELL #3
SUFFOLK	404736073160400	01170D	BRENTWOOD WD-WELLS
SUFFOLK	405706072241400	20640D	COLONY BEACH FRONT ASSOCIATION-WELLS
SUFFOLK	404811073213200	19440D	DIX HILLS WD-WELLS
SUFFOLK	404456073255400	03770D	EAST FARMINGDALE WD-WELLS
SUFFOLK	403951073042600	19460R	FIRE ISLAND PINES WD-WELL
SUFFOLK	411509072015800	20670R	FISHERS ISLAND WATER COMPANY-POND
SUFFOLK	411617071592200	20670T	FISHERS ISLAND WATER COMPANY-POND
SUFFOLK	405653072570700	18950D	GREAT BEACH WATER COMPANY-WELLS
SUFFOLK	405201073213300	18960D	GREENLAWN WD-WELLS
SUFFOLK	410635072215100	05481D	GREENPORT(V)-WELLS
SUFFOLK	410729072210800	05488R	GREENPORT WATER CO-WELL #8
SUFFOLK	405211072313000	21180D	HAMPTON HAYS WD-WELLS
SUFFOLK	405651072552800	19560D	NORTH SHORE(ANTHONY SINI)WATER COMPANY-WELLS
SUFFOLK	405129073071900	18960D	PARSNIP POND WATER CO.-WELLS
SUFFOLK	405804072424200	18920D	REEVES BEACH WATER SUPPLY-WELLS
SUFFOLK	405512072405000	11670D	RIVERHEAD WD-WELL #2
SUFFOLK	405517072393100	11671D	RIVERHEAD WD-WELLS
SUFFOLK	403727073154700	98098R	ROBERT MOSES STATE PARK FIRE ISLAND-WELL
SUFFOLK	405458072434400	19540D	ROLLIN HARGIS-WELL
SUFFOLK	404047073252300	13310R	SCWA AMITYVILLE PLANT-GREEN AVENUE WELL #7
SUFFOLK	404322073223300	13321R	SCWA BABYLON PLANT-WELL #1
SUFFOLK	404322073223302	13323R	SCWA BABYLON PLANT-WELL #3
SUFFOLK	404322073223301	13320D	SCWA BABYLON PLANT-WELLS
SUFFOLK	404808073113200	02240R	SCWA BAYSHORE PLANT-HALF MILE ROAD WELL #1
SUFFOLK	405721072123000	13340R	SCWA EAST HAMPTON PL-BRIDGEHAMPTON RD WELL #2
SUFFOLK	410210071563100	13341D	SCWA EAST HAMPTON PLANT-WELLS
SUFFOLK	405307073175101	13362R	SCWA NORTHPORT PLANT-WELL #2
SUFFOLK	405307073175201	13363R	SCWA NORTHPORT PLANT-WELL #3
SUFFOLK	405307073175100	13360D	SCWA NORTHPORT PLANT-WELLS
SUFFOLK	405337073072601	13380R	SCWA PORT JEFFERSON PLANT-OXHEAD ROAD WELL #1
SUFFOLK	405600073030000	13381D	SCWA PORT JEFFERSON PLANT-WELLS
SUFFOLK	405302073153001	13403R	SCWA SMITHTOWN-KINGS PK PL-CARLSON AVE WELL#3
SUFFOLK	405302073153002	13405R	SCWA SMITHTOWN-KINGS PK PL-CARLSON AVE WELL#5
SUFFOLK	405302073153000	13400D	SCWA SMITHTOWN-KINGS PK PL-CARLSON AVE WELLS
SUFFOLK	405054073151002	02900R	SCWA SMITHTOWN-KINGS PK PL-CORNELL DR WELL
SUFFOLK	405414072232800	13410R	SCWA SOUTHAMPTON PLANT-WELL #4
SUFFOLK	405324073232300	13411D	SCWA SOUTHAMPTON PLANT-WELLS
SUFFOLK	404907072385900	13420D	SCWA WESTHAMPTON PLANT-WELLS
SUFFOLK	405139073025300	01510D	SELDEN WATER COMPANY INC-WELLS
SUFFOLK	410402072202000	98060R	SHELTER ISLAND(T)-SCHOOL WELL
SUFFOLK	405702072533200	12640D	SHOREWOOD WATER COMPANY-WELLS
SUFFOLK	404933073253000	18860R	SOUTH HUNTINGTON WD-WELL #16
SUFFOLK	404933073253001	18861D	SOUTH HUNTINGTON WD-WELLS
SUFFOLK	405220073034000	18910D	SUNHILL WATER CORPORATION-WELLS
SUFFOLK	404658072585900	18870D	SWAN LAKE WATER CORPORATION-WELLS
SUFFOLK	405100073240001	99740R	WOODBURY TRIANGLE CORP*HUNTINGTON-WELLS
SULLIVAN	414559075032200	01690D	CALLICOON WATER COMPANY-SPRING AND WELL
SULLIVAN	414123074503400	00870D	COUNTY CLUB ESTATES-WELLS
SULLIVAN	414455074401000	04340D	HURLEYVILLE WD-WELLS
SULLIVAN	414815074553000	06830D	JEFFERSONVILLE(V)-LEIKILL CREEK
SULLIVAN	414052074304801	13570R	KIAMESHA SPRING WATER CO-KIAMESHA LAKE
SULLIVAN	414052074304800	13570T	KIAMESHA SPRING WATER CO-KIAMESHA LAKE&WELLS
SULLIVAN	413631074342300	13620D	LAKE LOUISE MARIE-LAKE LOUISE MARIE
SULLIVAN	414931074460200	07410R	LIBERTY(V)-REVONAH LAKE & WELL
SULLIVAN	414931074460201	07410T	LIBERTY(V)-REVONAH LAKE & WELL
SULLIVAN	415305074501900	07490D	LIVINGSTON MANOR WD-MARIEVSBURGH BROOK
SULLIVAN	414724074464400	07640D	LOOMIS WD-SPRING
SULLIVAN	414024074401000	08630R	MONTICELLO(V)-KIAMESHA LAKE
SULLIVAN	414024074401001	08630T	MONTICELLO(V)-KIAMESHA LAKE
SULLIVAN	413627075034200	08980D	NARROWSBURG WD-WELLS
SULLIVAN	415529074553600	11810D	ROSCOE(U)-WOODS BROOK
SULLIVAN	413935074484400	12770D	SMALLWOOD-WELLS
SULLIVAN	414233074381700	04350D	SOUTH FALLSBURG WD-WELLS
SULLIVAN	414736074493800	15290D	WHITE SULPHUR SPRINGS WD-WELLS
SULLIVAN	414349074344200	15510R	WOODRIDGE(V)-EAST POND
SULLIVAN	414349074344201	15510T	WOODRIDGE(V)-EAST POND

TABLE 3.--LATITUDE-LONGITUDE NUMBERS USED IN THIS REPORT AND EQUIVALENT SYSTEM (OR SITE) NUMBERS USED IN THE FOUR PREVIOUS REPORTS IN THIS SERIES (CONTINUED)

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SULLIVAN	413407074290100	179280	WURTSBORO(V)-WELL
SULLIVAN	413543074303400	079400	WURTSBORO HILLS WATER COMPANY-WELLS
SULLIVAN	414818074532700	157700	YOUNGSVILLE WD-SPRINGFE) RESERVOIR
TIOGA	421311076201800	018280	CANDOR(V)-WELL
TIOGA	421324076110500	089800	NEWARK VALLEY(V)-WELLS
TIOGA	420624076150200	102100	OWEGO WATERWORKS COMPANY-WELLS
TIOGA	420340076073000	102280	OWEGO WD #2-WELL
TIOGA	420340076073001	102281	OWEGO WD #2-WELL
TIOGA	420555076140500	102300	OWEGO WD #3-WELLS
TIOGA	420336075083600	165400	OWEGO WD #4-WELL
TIOGA	420005076323200	146980	WAVERLY(V)-RESERVOIR&WELL
TOMPKINS	422633076283300	187480	CORNELL UNIVERSITY-FALL CREEK
TOMPKINS	422922076175400	036580	DRYDEN(V)-SPRINGS&WELLS
TOMPKINS	423525076220280	055780	GROTON(V)-SURFACE WATER
TOMPKINS	422604076290200	066680	ITHACA(C)-SIX MILE CREEK
TOMPKINS	422604076290201	066681	ITHACA(C)-SIX MILE CREEK
TOMPKINS	422952076303701	193480	LANSING(U)-WELL
TOMPKINS	422919076291800	193981	LANSING(U)-WELL
TOMPKINS	423233076394600	137680	TRUMANSBURG(V)-SPRINGS&WELLS
ULSTER	414238074230500	041180	ELLENVILLE(V)-WELL&MARATANZA LAKE
ULSTER	414249073565700	061580	HIGHLAND WD-HUDSON RIVER
ULSTER	414249073565701	061581	HIGHLAND WD-HUDSON RIVER
ULSTER	415534074040000	064380	HURLEY WATER COMPANY-SPRING AND WELLS
ULSTER	414632074175200	069480	KERHONKSON WD-RESERVOIR AND WELL
ULSTER	420021074034700	070280	KINGSTON(C)-MINK HOLLOW CREEK
ULSTER	420021074034701	070281	KINGSTON(C)-MINK HOLLOW CREEK
ULSTER	413615073581400	081280	MARLBORO WD-BROOKS
ULSTER	420226074000300	123680	MOUNT MARION WATER COMPANY-DEEP WELL
ULSTER	414446074064200	092180	NEW PALTZ(V)-SURFACE WATER
ULSTER	420500074185200	106180	PHOENICIA WD-STONEY CLOVE CREEK & INFILT WELL
ULSTER	420800074283500	106780	PINE HILL-RESERVOIR
ULSTER	415313073573400	169180	PORT EWEN WATER DISTRICT-HUDSON RIVER
ULSTER	415313073573401	169181	PORT EWEN WATER DISTRICT-HUDSON RIVER
ULSTER	415039074044900	118380	ROSENDALE(V)-RESERVOIRS
ULSTER	420450073573800	122980	SAUGERTIES(V)-PLATTERKILL CREEK
ULSTER	415846074002501	138484	ULSTER WD-WELLS
ULSTER	415846074002500	138481	ULSTER WD-WELLS
ULSTER	413621074102500	142780	WALLKILL WD-RESERVOIR
ULSTER	420223074065700	155380	WOODSTOCK WD-WELLS
WARREN	433333073391600	011180	HOLTON WD-EDGECOMB POND&FINKLE BR RESERVOIR
WARREN	433914073440700	024880	CHESTERTOWN WD-SPRINGS&WELL
WARREN	432523073430700	035480	DIAMOND POINT WATERWORKS-SMITH'S BROOK
WARREN	431838073384100	050580	GLENS FALLS(C)-RESERVOIR
WARREN	434456073300800	056480	HAGUE-SPRINGFED RESERVOIR
WARREN	432614073421400	071401	LAKE GEORGE(V)-LAKE GEORGE
WARREN	432614073421401	071401	LAKE GEORGE(V)-LAKE GEORGE
WARREN	431909073503200	076980	LUZERNE WD-TWO WELLS AND RESERVOIR
WARREN	434200073591400	095580	NORTH CREEK WD-THREE WELLS
WARREN	434348073495000	110480	POTTERSVILLE WD-WELLS
WARREN	431626073425500	224381	QUEENSBURY WATER DISTRICT-HUDSON RIVER
WARREN	431626073425501	224381	QUEENSBURY WATER DISTRICT-HUDSON RIVER
WARREN	432052073300400	175680	QUEENSBURY WATER DISTRICT-WELLS
WARREN	432932073460800	144781	WARRENSBURG WD-RESERVOIR
WASHINGTON	431409073293000	083480	ARGYLE(V)-SUMMIT LAKE
WASHINGTON	430126073223500	017180	CAMBRIDGE WATERWORKS CO-SIMPSON SPRINGS
WASHINGTON	432638073292900	046180	FORT ANN-WELL
WASHINGTON	431606073351000	046380	FORT EDWARD(V)-SPRINGS
WASHINGTON	432702073284600	052980	GRANVILLE(V)-WELLS
WASHINGTON	432702073284601	053680	GRANVILLE WD #1-WELL AND SPRING
WASHINGTON	430455073294400	055280	GREENWICH(V)-WELL
WASHINGTON	431832073350500	063580	HUDSON FALLS(V)-RESERVOIR&WELLS
WASHINGTON	433322073241100	152480	WHITEHALL(V)-PINE LAKE
WAYNE	430502076522601	027681	CLYDE(V)-WELLS
WAYNE	430502076522600	027681	CLYDE(V)-WELLS
WAYNE	430502076520680	027680	CLYDE(V)-WELLS
WAYNE	430354076592901	077381	LYONS(V)-WELL #2
WAYNE	430354076592900	077381	LYONS(V)-WELL #2
WAYNE	425658077124300	089701	NEWARK(V)-CANANDAIGUA LAKE
WAYNE	425658077124301	089701	NEWARK(V)-CANANDAIGUA LAKE
WAYNE	431332077131000	099380	ONTARIO WD-LAKE ONTARIO
WAYNE	430327077134200	102981	PALMYRA(V)-CANANDAIGUA LAKE
WAYNE	430327077134201	102981	PALMYRA(V)-CANANDAIGUA LAKE
WAYNE	431429076431700	115080	RED CREEK(V)-WELL

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WAYNE	430850076523900	11860D	ROSE AND NORTH ROSE WD-WELL
WAYNE	430421076454100	12320D	SAVANNAH(V)-WELL
WAYNE	431618076591402	12820D	SODUS(V)-LAKE ONTARIO
WAYNE	431618076591400	12840R	SODUS POINT(V)-LAKE ONTARIO
WAYNE	431618076591401	12840T	SODUS POINT(V)-LAKE ONTARIO
WAYNE	431659077111500	15330R	WILLIAMSON WD-LAKE ONTARIO
WAYNE	431659077111501	15330T	WILLIAMSON WD-LAKE ONTARIO
WAYNE	431810076495100	15440R	WOLCOTT(V)-LAKE ONTARIO
WAYNE	431810076495101	15440T	WOLCOTT(V)-LAKE ONTARIO
WESTCHESTER	411947073442801	12870R	AMAWALK AND SCENOROCK WD-INFILTRATION GALLERY
WESTCHESTER	411947073442900	12870T	AMAWALK AND SCENOROCK WD-INFILTRATION GALLERY
WESTCHESTER	411156073385700	00780D	BEDFORD FARMS WATER COMPANY-WELL #1
WESTCHESTER	411429073414801	20790D	BEDFORD HILLS CORRECTION FACILITY-WELLS
WESTCHESTER	411429073414800	00730D	BEDFORD WATER STORAGE&DISTRICT #1-WELLS
WESTCHESTER	410822073490000	01190D	BRIARCLIFF MANOR(V)-WELLS
WESTCHESTER	410100073490001	99760R	CIBA-GEIGY CORP-ARDSLEY-WELL
WESTCHESTER	411230073531600	03250D	CROTON-ON-HUDSON(V)-WELLS
WESTCHESTER	410503073383001	10870W	GREENWICH WATER CO-PUTNAM LAKE
WESTCHESTER	410500073382101	10870T	GREENWICH WATER CO-PUTNAM LAKE
WESTCHESTER	411230073531601	05880D	HARRISON WD #1-RYE LAKE
WESTCHESTER	410204073510500	06610D	IRVINGTON(V)-CROTON AQUEDUCT
WESTCHESTER	405720073462200	07210R	LARCHMONT(V)-SHELDRAKE RIVER
WESTCHESTER	405720073462201	07210T	LARCHMONT(V)-SHELDRAKE RIVER
WESTCHESTER	411917073431200	18800D	LINCOLN HALL INC-WELLS
WESTCHESTER	411759073530400	08650D	MONTROSE WD-CATSKILL AQUEDUCT
WESTCHESTER	411144073440900	08760D	MOUNT KISCO(V)-WELLS&RESERVOIR LAKE
WESTCHESTER	411035073480600	09150D	NEW CASTLE WATER COMPANY-CATSKILL AQUEDUCT
WESTCHESTER	410831073445300	09151W	NEW CASTLE WATER COMPANY-WHIPPORWILL LAKE
WESTCHESTER	410831073445301	09151T	NEW CASTLE WATER COMPANY-WHIPPORWILL LAKE
WESTCHESTER	410650073500900	09260R	NEW ROCHELLE WATER CO-POCANTICO LAKE
WESTCHESTER	410650073500901	09260T	NEW ROCHELLE WATER CO-POCANTICO LAKE
WESTCHESTER	410357073461701	09520R	NORTH CASTLE WATER DISTRICT NO 1-WELLS
WESTCHESTER	410357073461700	09529T	NORTH CASTLE WATER DISTRICT NO 1-WELLS
WESTCHESTER	411126073515500	10110R	OSSINING(V)-INDIAN BROOK
WESTCHESTER	411126073515501	10110T	OSSINING(V)-INDIAN BROOK
WESTCHESTER	411810073542300	10420R	PEEKSKILL(C)-CAMP FIELD RESERVOIR
WESTCHESTER	411810073542301	10420T	PEEKSKILL(C)-CAMP FIELD RESERVOIR
WESTCHESTER	410755073461700	10810D	PLEASANTVILLE(V)-WELLS
WESTCHESTER	410555073493901	17850R	POCANTICO HILLS-FOUR PONDS
WESTCHESTER	410555073493902	17850T	POCANTICO HILLS-FOUR PONDS
WESTCHESTER	410555073493900	17850D	POCANTICO HILLS-FOUR PONDS
WESTCHESTER	410457073495500	13520R	TARRYTOWN(V)-TARRYTOWN LAKE
WESTCHESTER	410457073495501	13520T	TARRYTOWN(V)-TARRYTOWN LAKE
WESTCHESTER	410833073465901	13630R	THORNWOOD WD-WELLS
WESTCHESTER	410833073465900	13630T	THORNWOOD WD-WELLS
WESTCHESTER	410457073495502	99730W	UNION CARBIDE CORP-TARRYTOWN-WELL
WESTCHESTER	412146073332100	09680D	VAILS GROVE INC-THREE WELLS
WESTCHESTER	410517073465100	14000D	VALHALLA WD-CATSKILL AQUEDUCT
WESTCHESTER	405805073441500	07960R	WESTCHESTER JOINT WW #1-MAMARONECK RIVER
WESTCHESTER	405805073441501	07960T	WESTCHESTER JOINT WW #1-MAMARONECK RIVER
WESTCHESTER	410305073454500	15250D	WHITE PLAINS(C)-KENSICO RES&WELLS
WESTCHESTER	410800073400000	09530D	WINDMILL FARM WATERWORKS-WELL
WESTCHESTER	405741073522000	15560R	YONKERS(C)-SAW MILL RIVER
WESTCHESTER	405741073522001	15560T	YONKERS(C)-SAW MILL RIVER
WESTCHESTER	411958073493000	16580D	YORKTOWN(T)-AMAWALK RESERVOIR
WYOMING	423206078252900	00310D	ARCADE(V)-SPRINGS
WYOMING	425011078153000	00400R	ATTICA(V)-CROW CREEK RESERVOIR
WYOMING	425011078153001	00400T	ATTICA(V)-CROW CREEK RESERVOIR
WYOMING	423449078152000	01020D	BLISS WATER SUPPLY COMPANY-SPRINGS
WYOMING	423802078025500	02060D	CASTILE(V)-SPRINGS&WELLS
WYOMING	424102078201500	09610D	NORTH JAVA WD-WELL
WYOMING	424318077593500	10580D	PERRY(V)-SPRINGS
WYOMING	423320078001300	10659D	PIKE(V)-SPRINGS
WYOMING	423937078050200	12710D	SILVER SPRINGS(V)-SPRINGS
WYOMING	424541078184800	14070D	WARSAW(V)-WELL
WYOMING	424056078070900	14480R	WARSAW(V)-OATKA CREEK
WYOMING	424056078070901	14480T	WARSAW(V)-OATKA CREEK
WYOMING	424945078045900	15550D	WYOMING(V)-WELL
YATES	423123076585000	03670D	DUNDEE(V)-WELLS
YATES	424215077161900	17A90D	MIDDLESEX WD-SPRINGFE) RESERVOIR
YATES	423458077044500	10480W	PENN YAN(V)-KEUKA LAKE
YATES	423458077044501	10480T	PENN YAN(V)-KEUKA LAKE

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